

FIG. 1

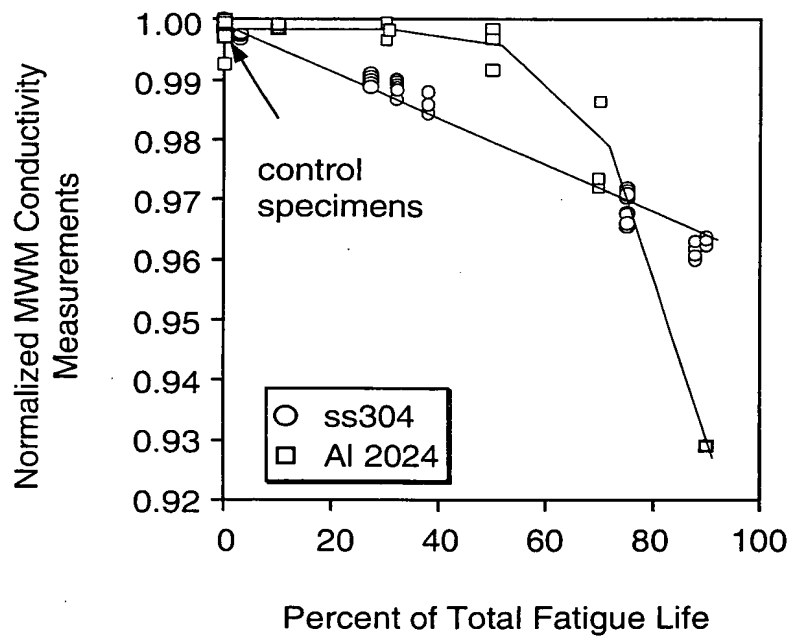


FIG. 2

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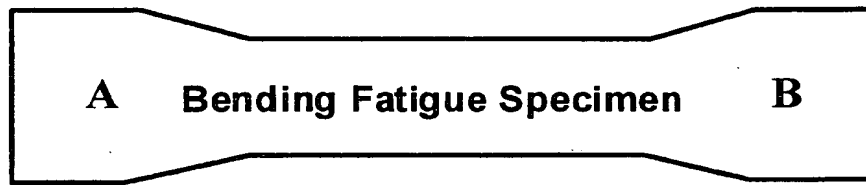


FIG. 3a

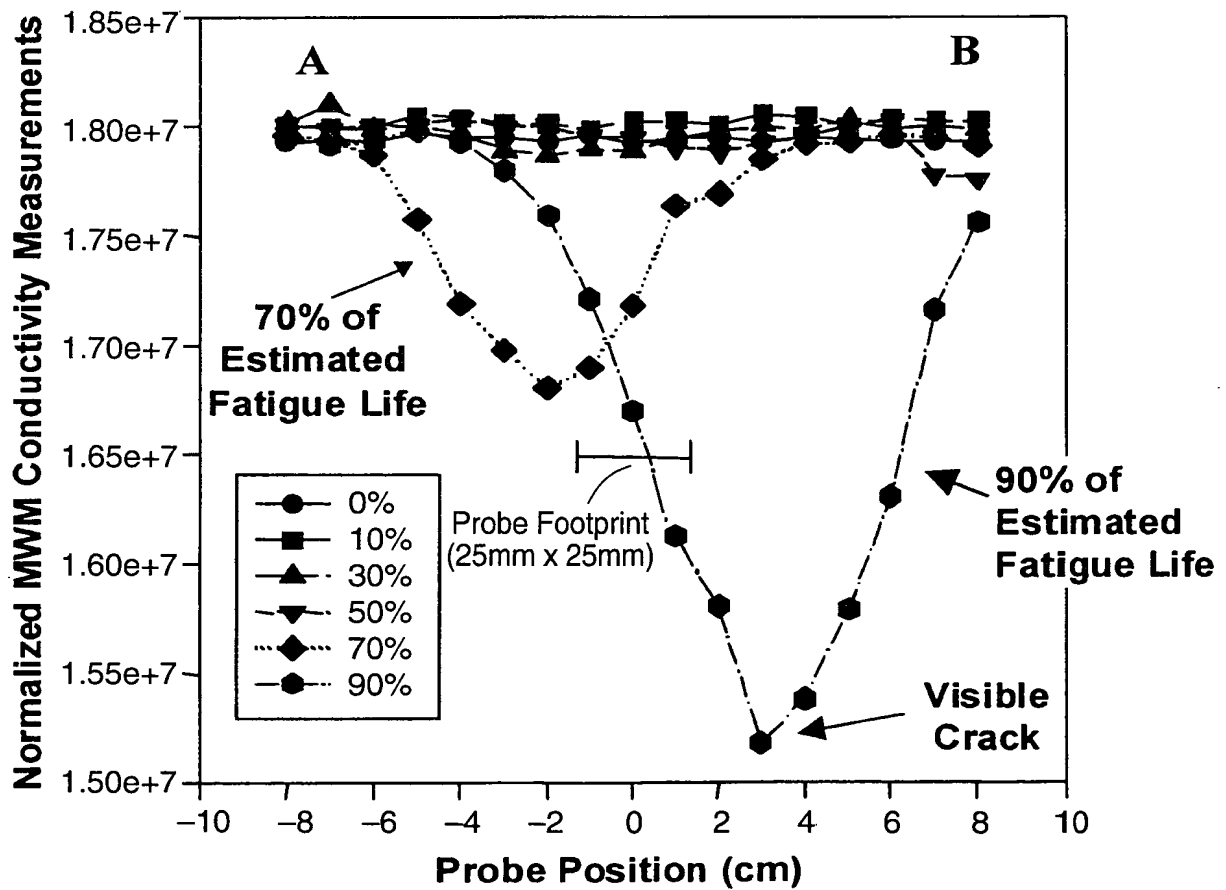


FIG. 3b

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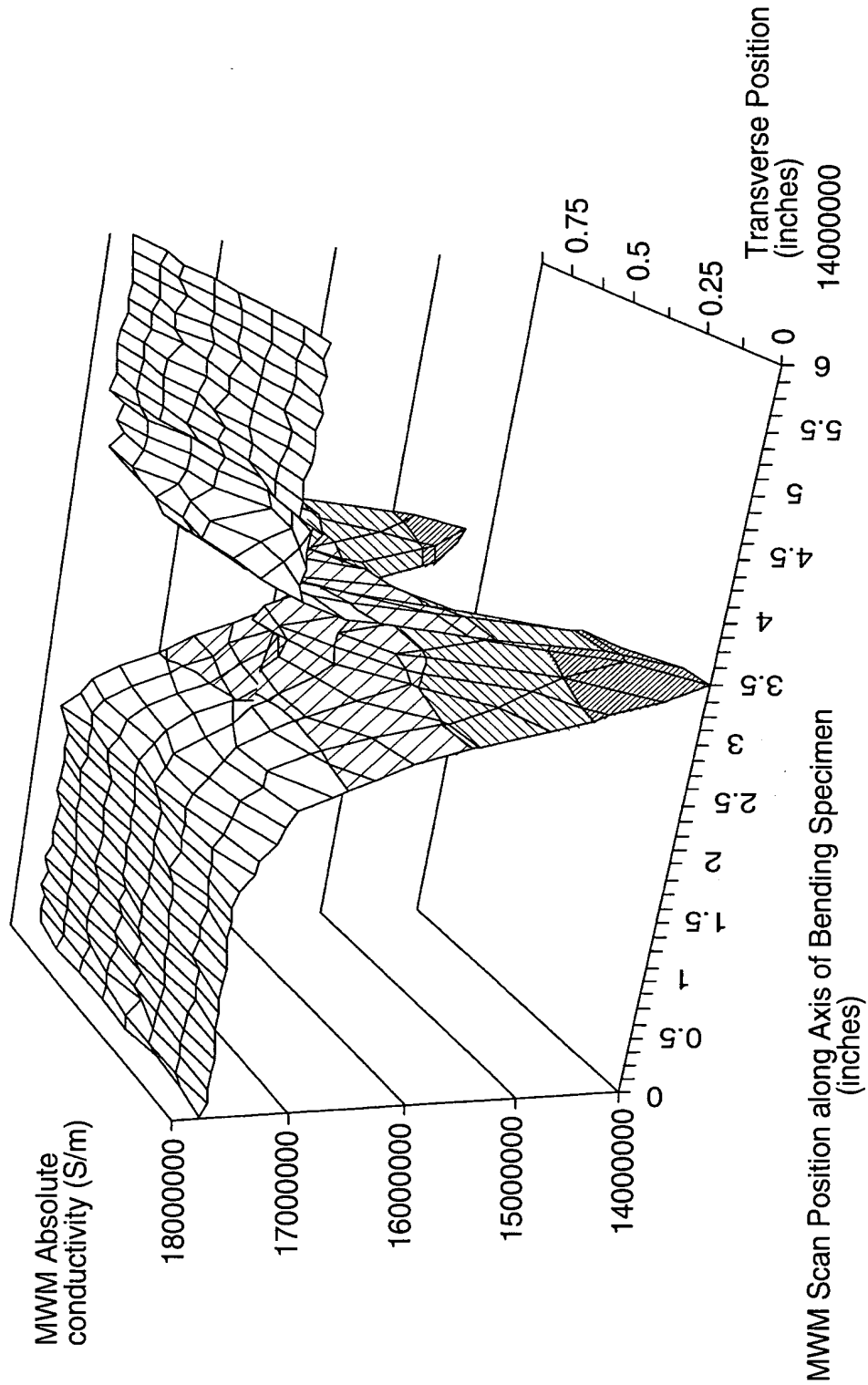
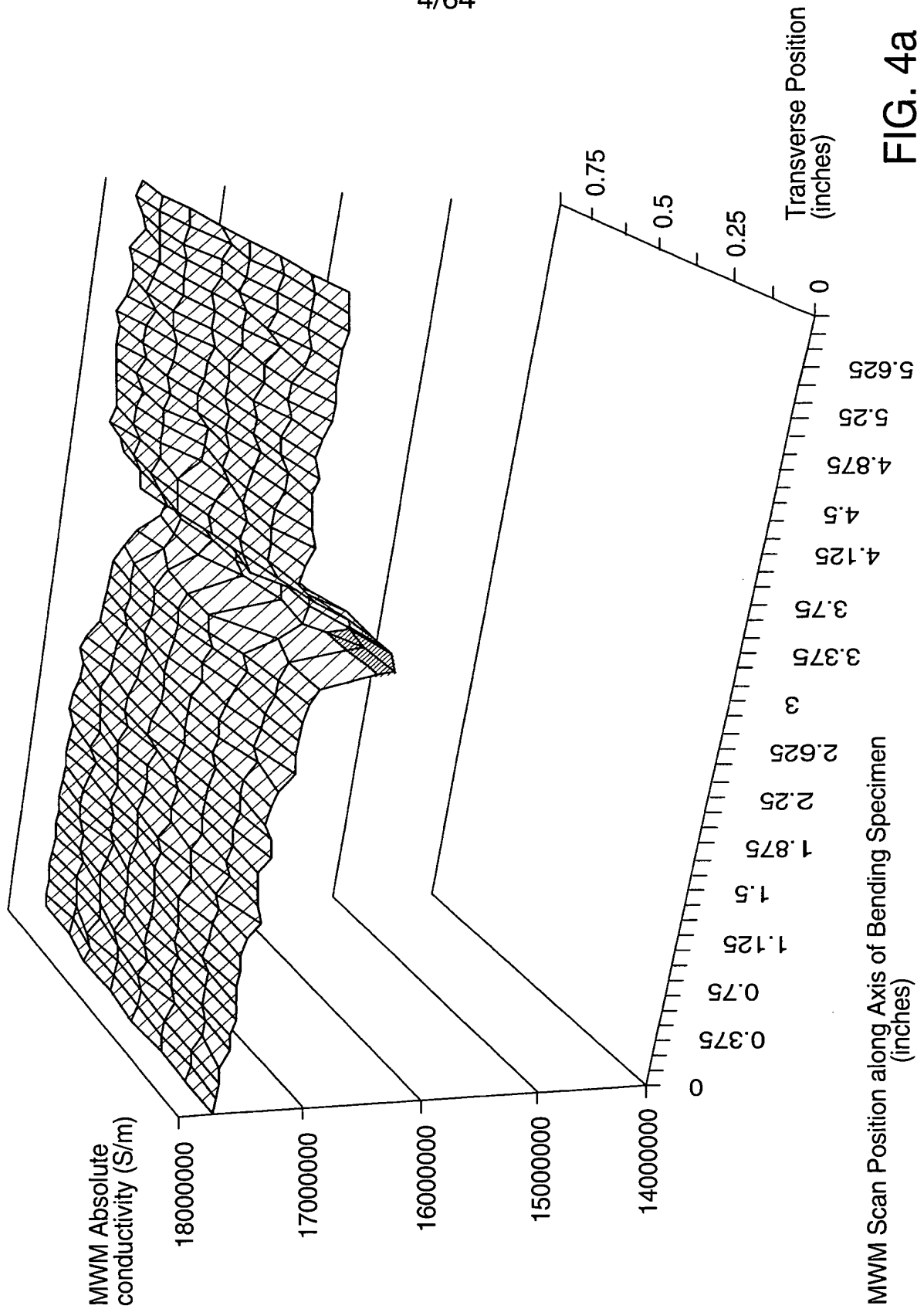


FIG. 4b

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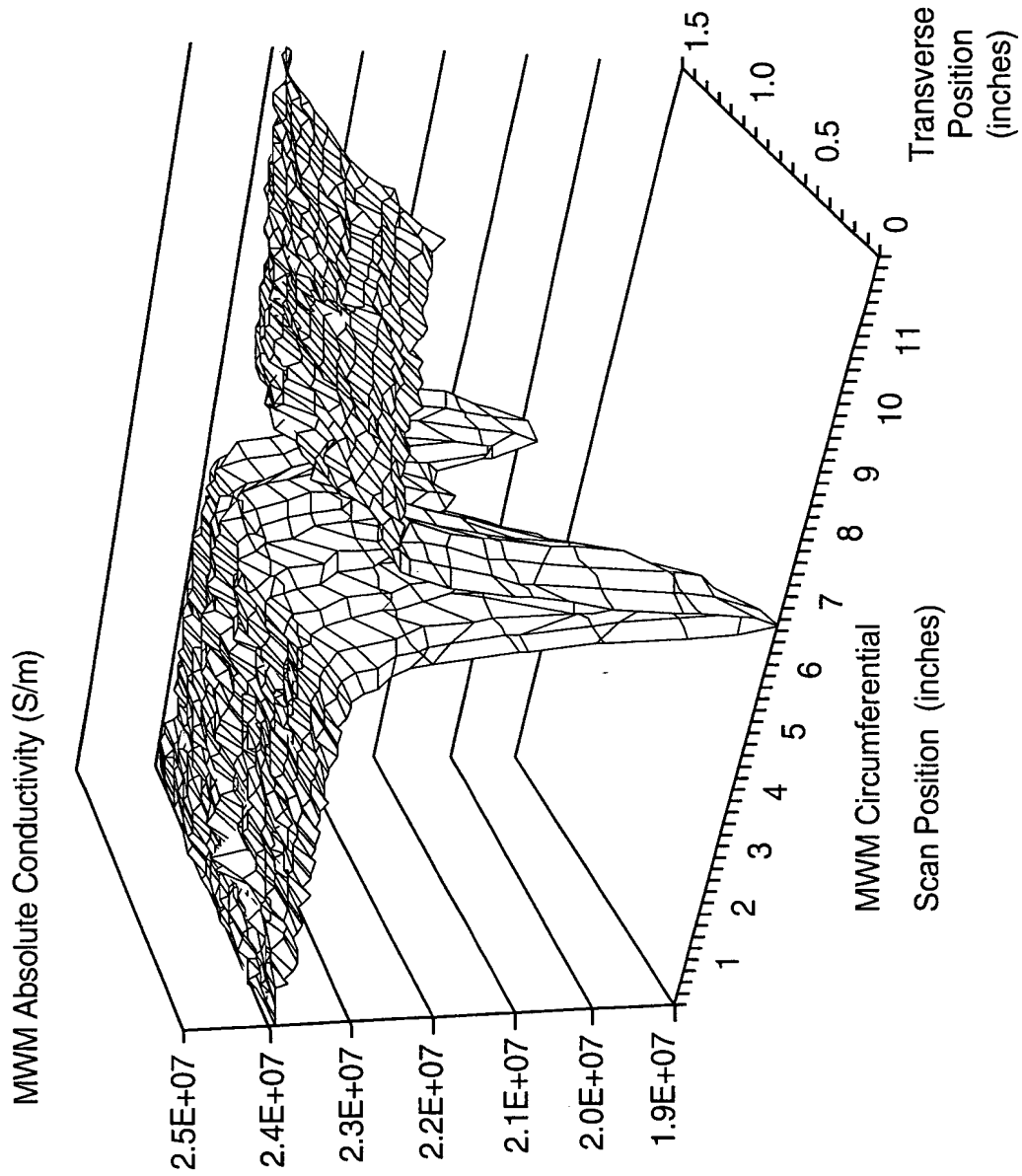


FIG. 5a

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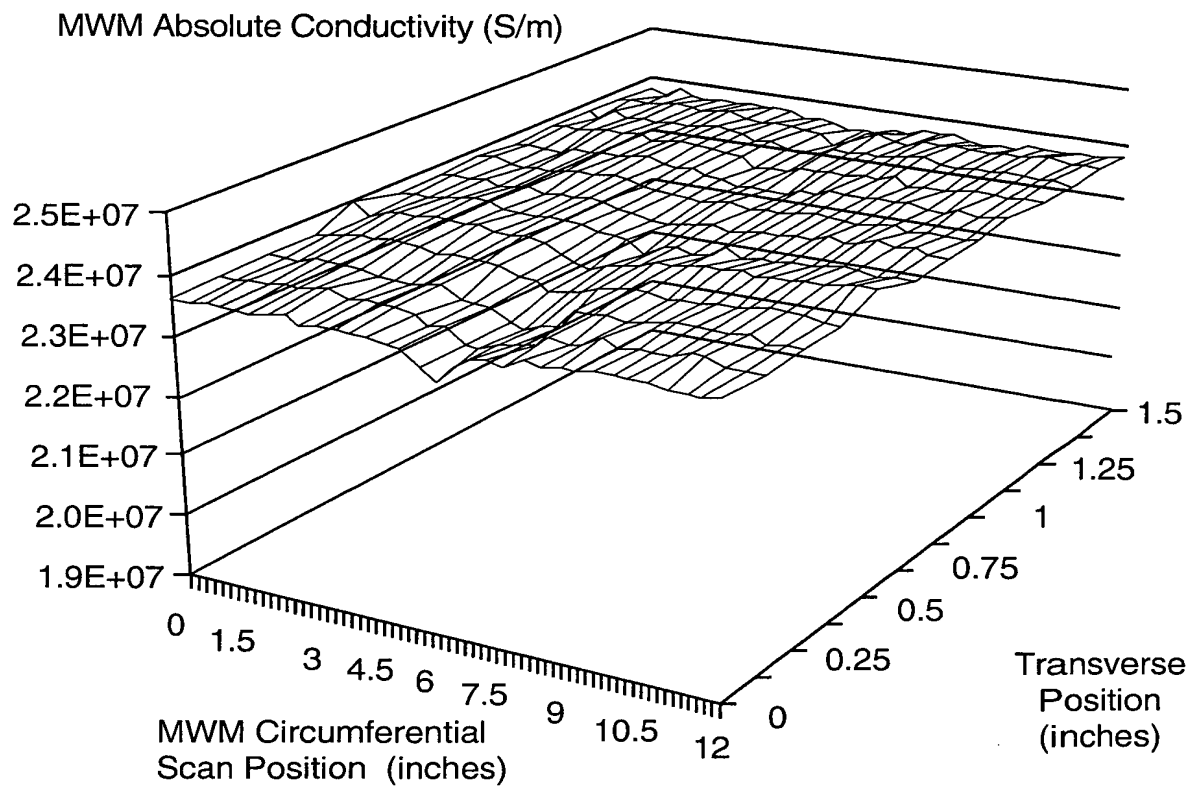


FIG. 5b

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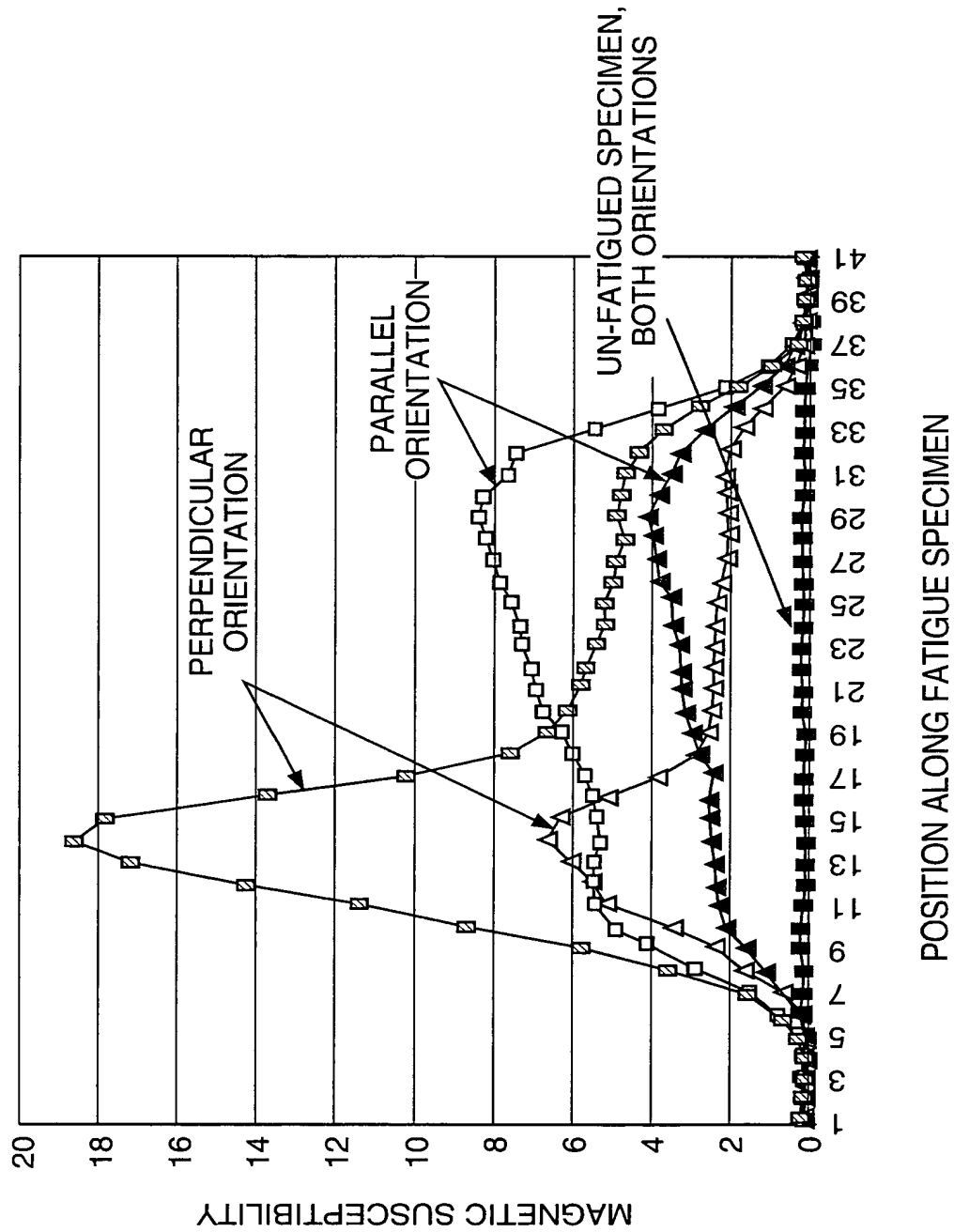


FIG. 6

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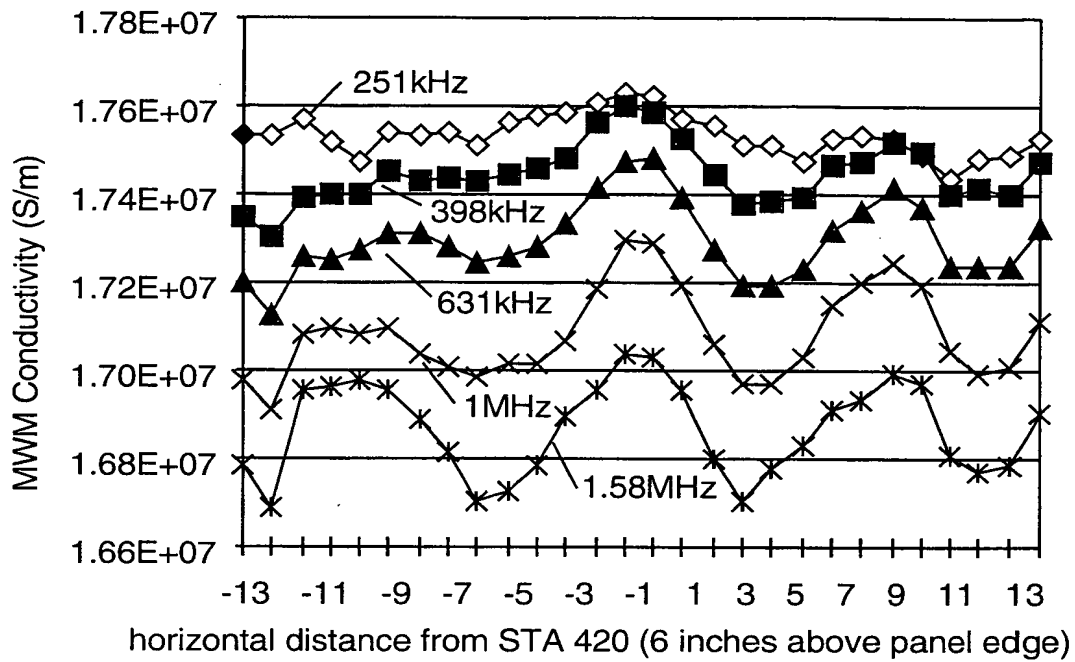


FIG. 7a

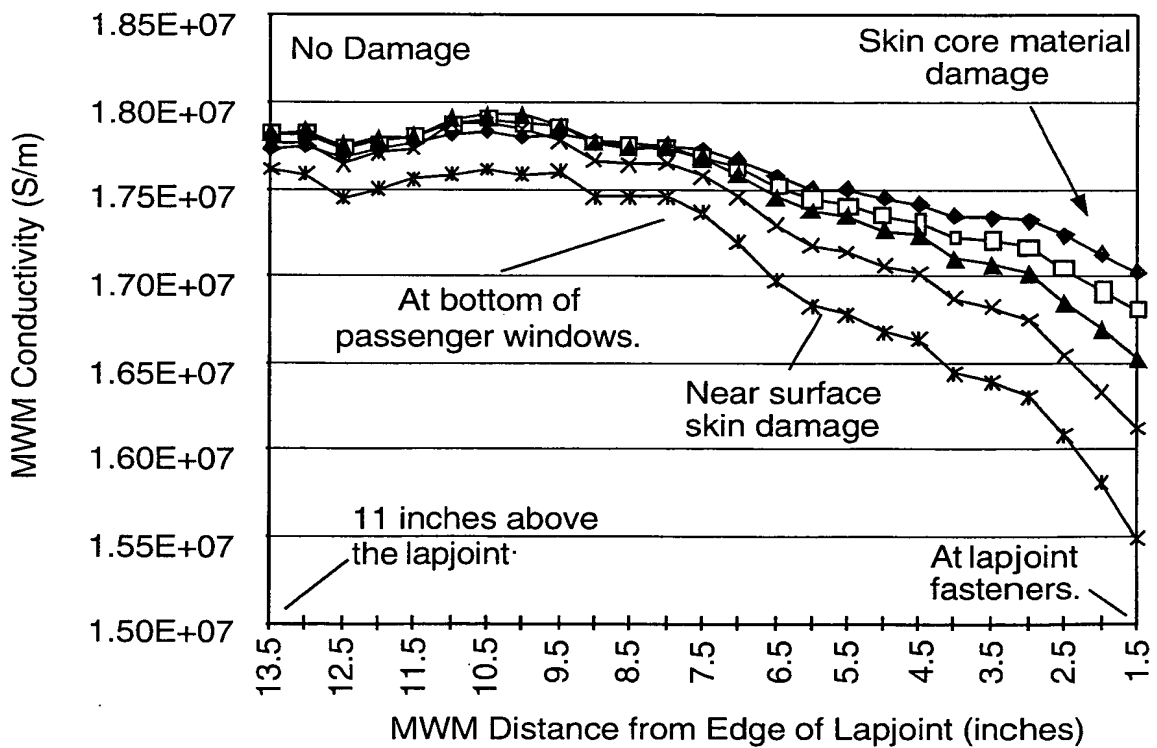


FIG. 7b



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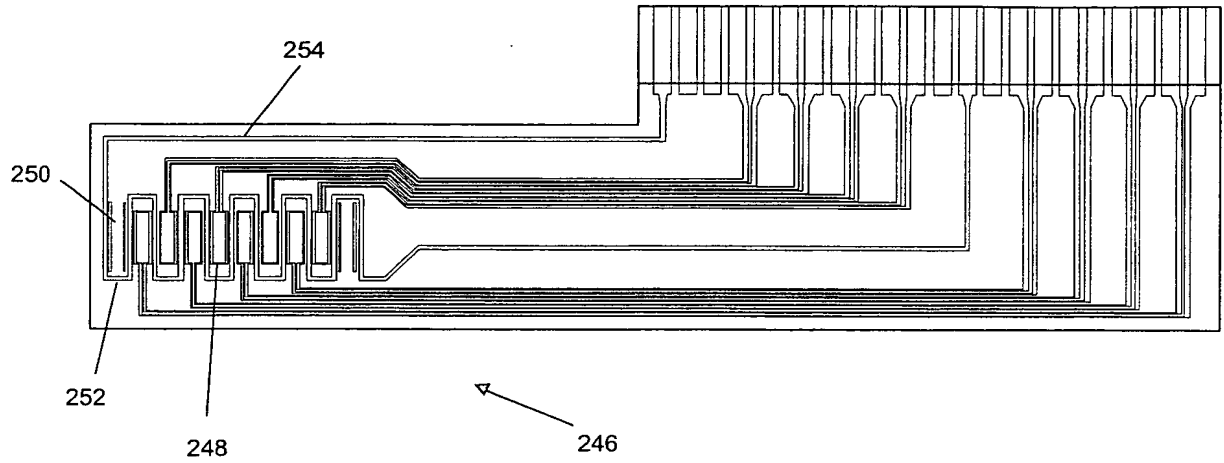


FIG. 8a

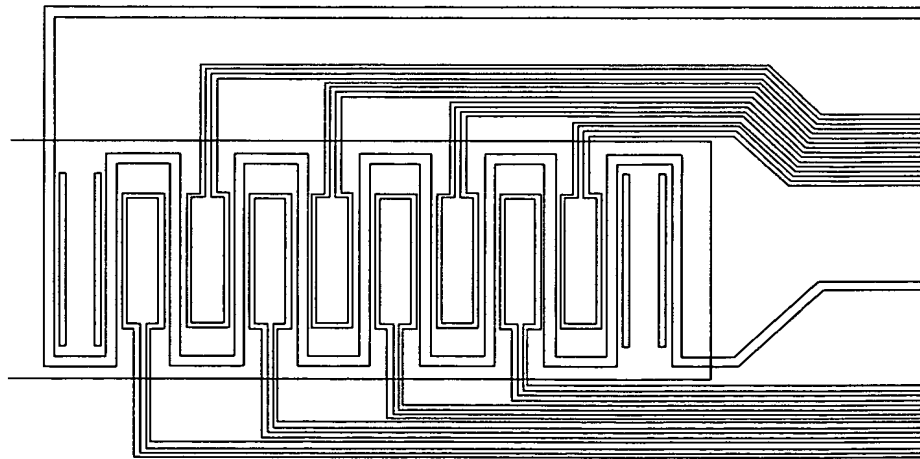


FIG. 8b

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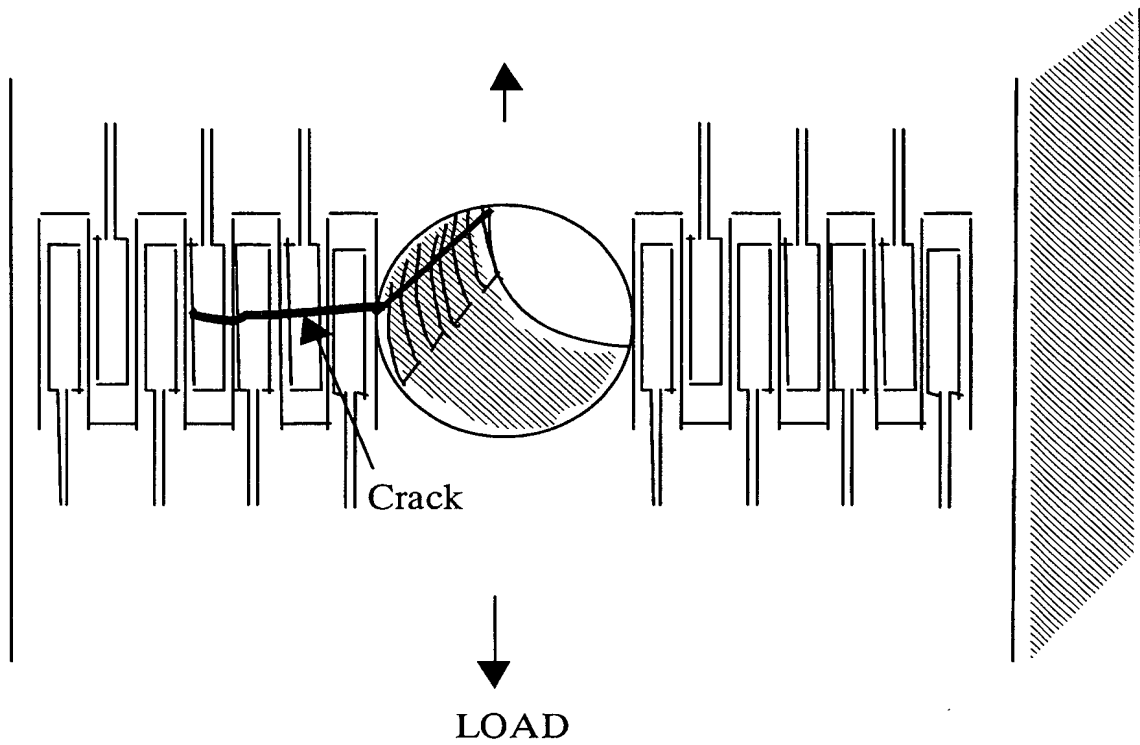


FIG. 9

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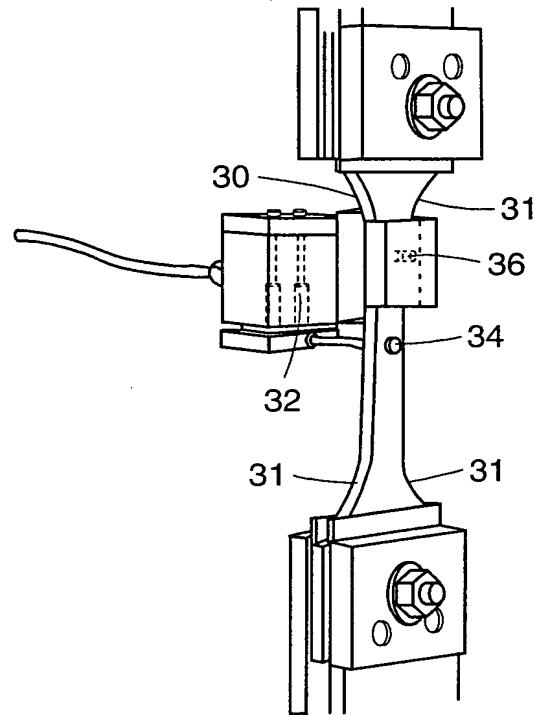


FIG. 10

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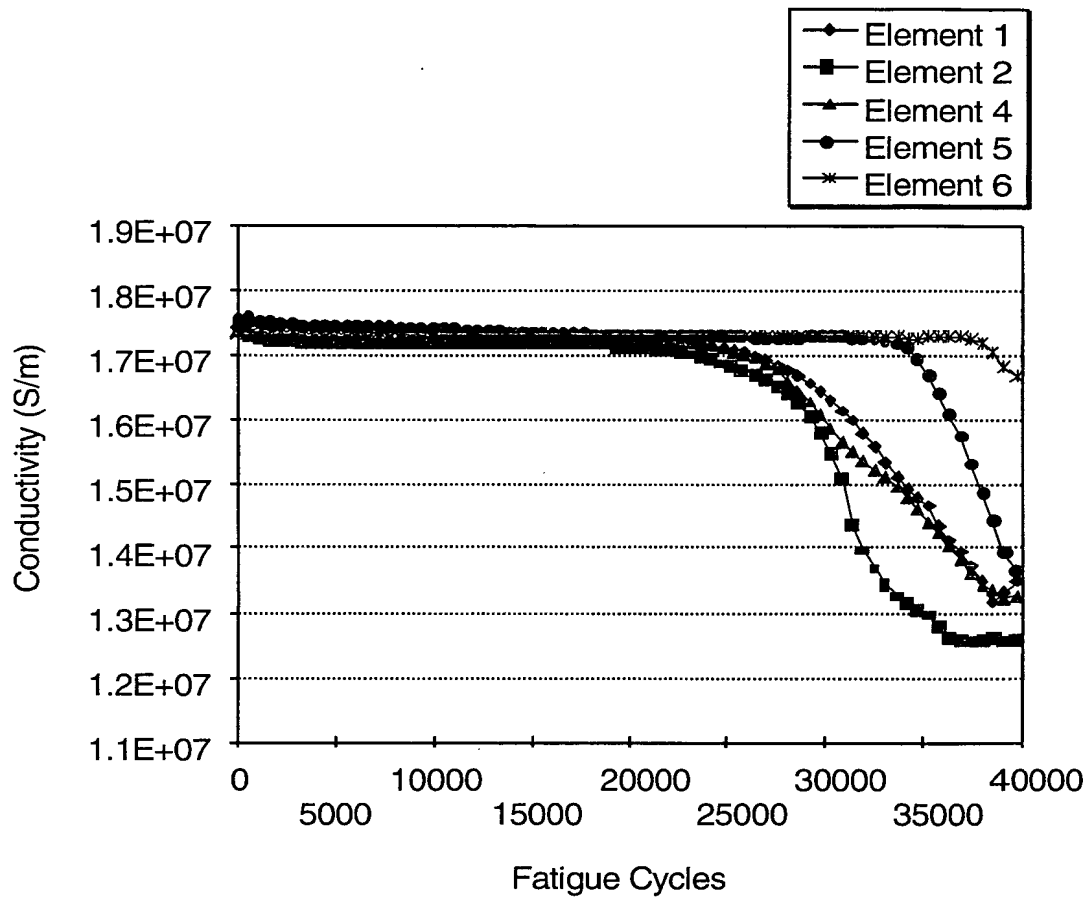


FIG. 11a

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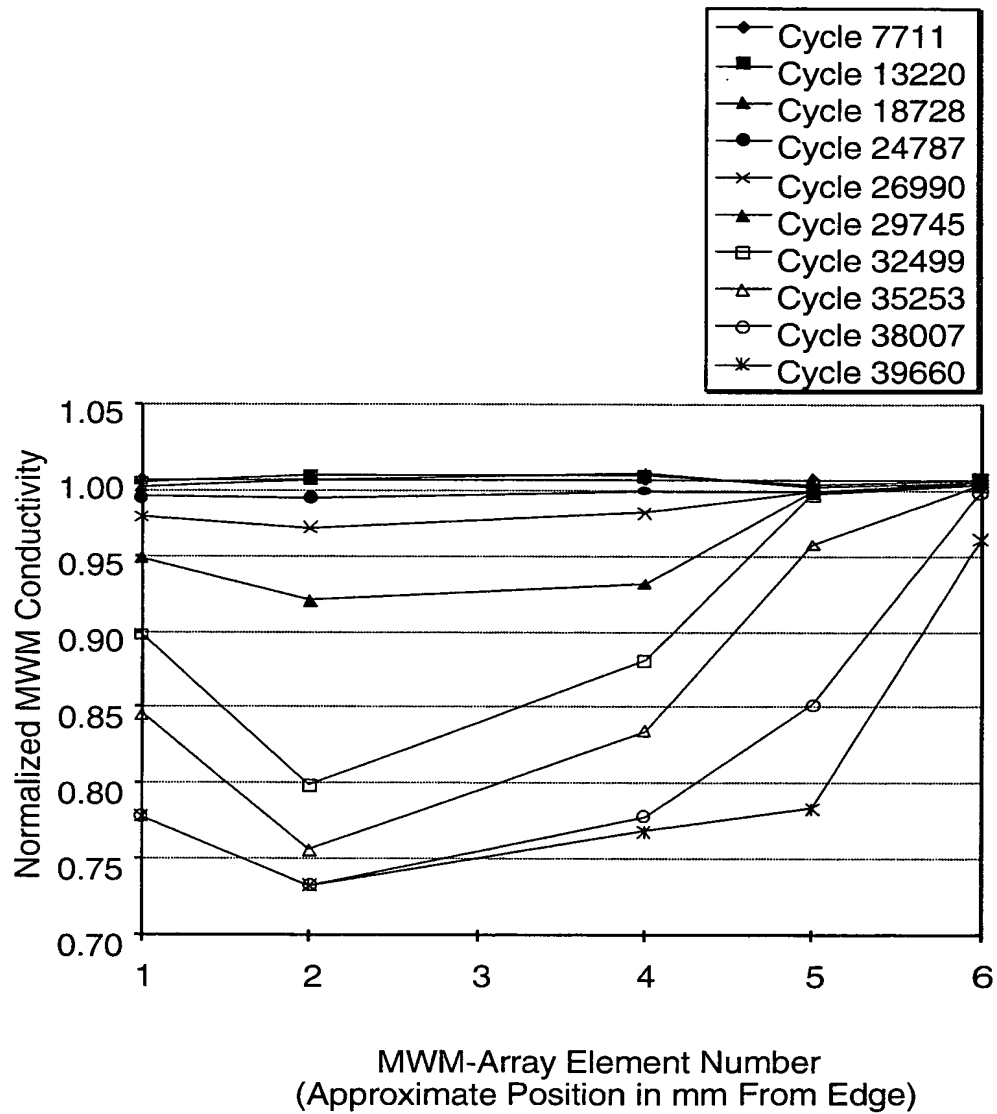


FIG. 11b

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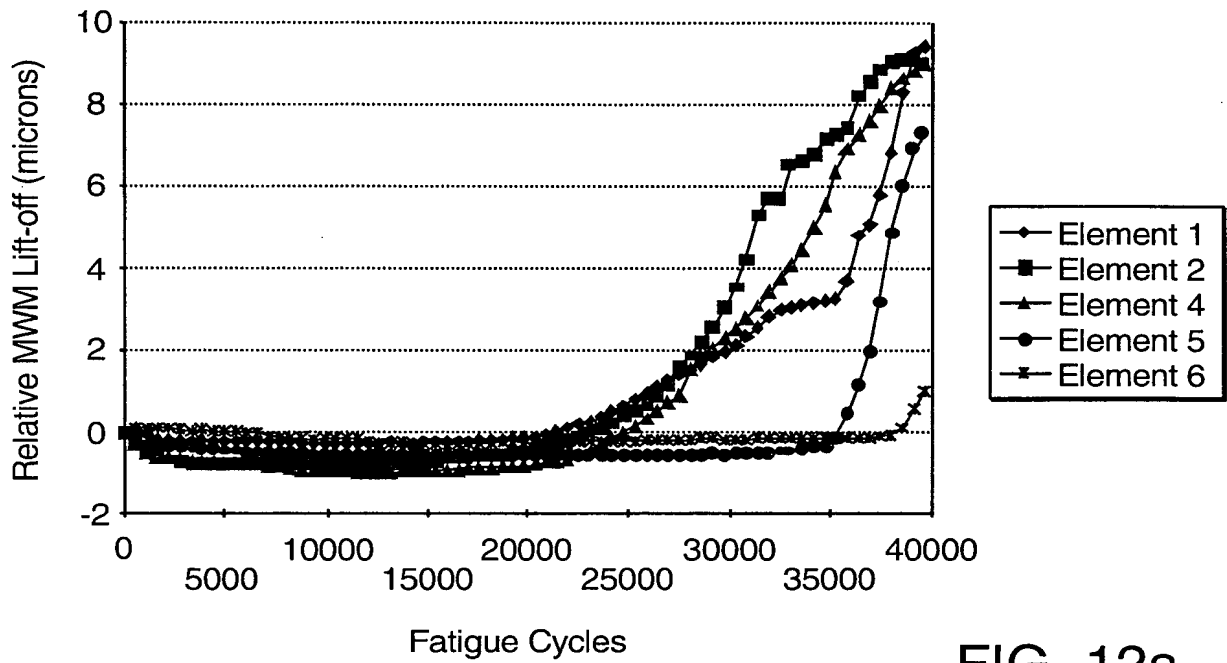


FIG. 12a

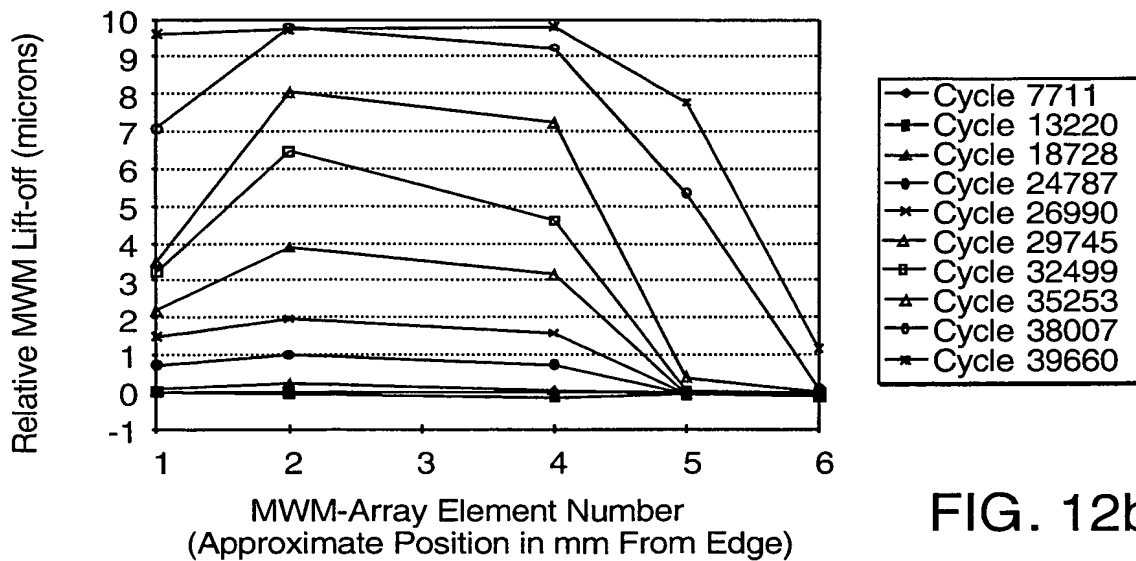


FIG. 12b

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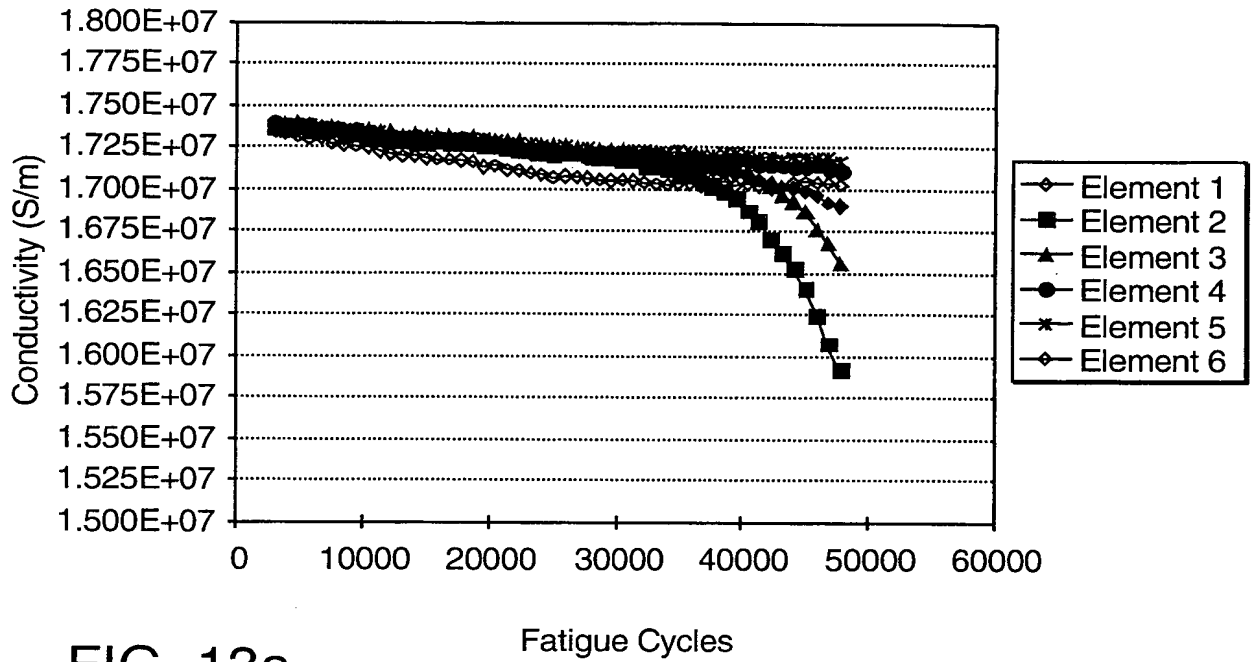


FIG. 13a

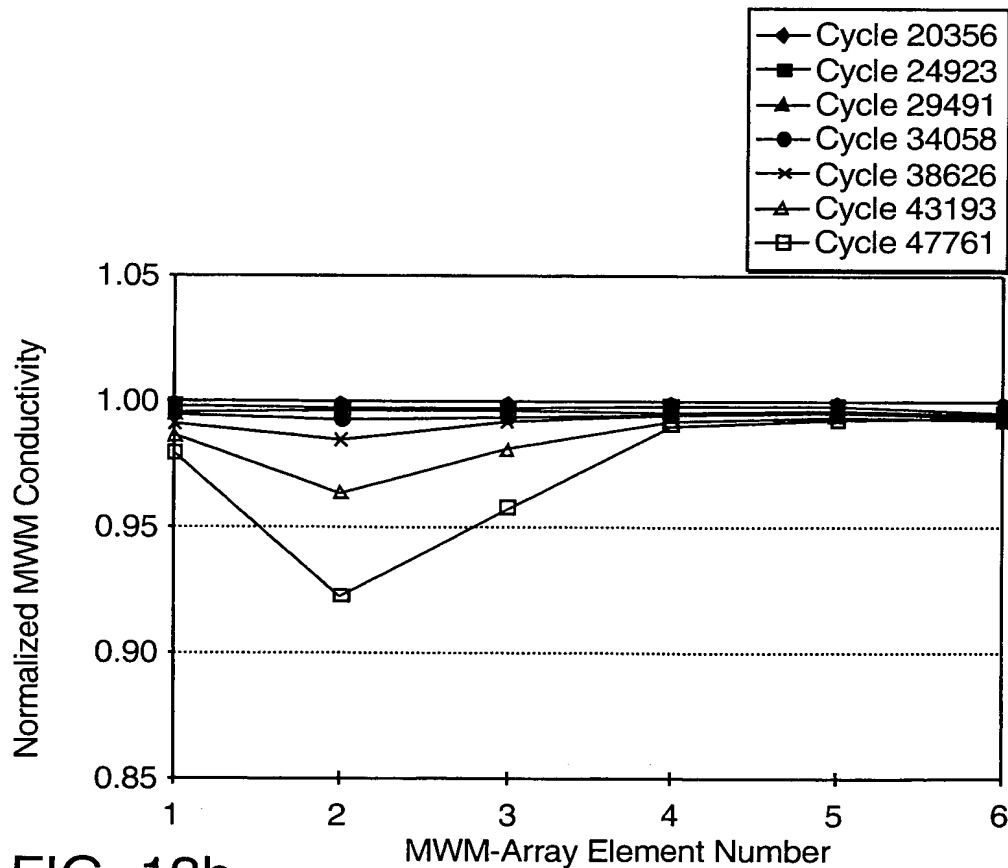


FIG. 13b

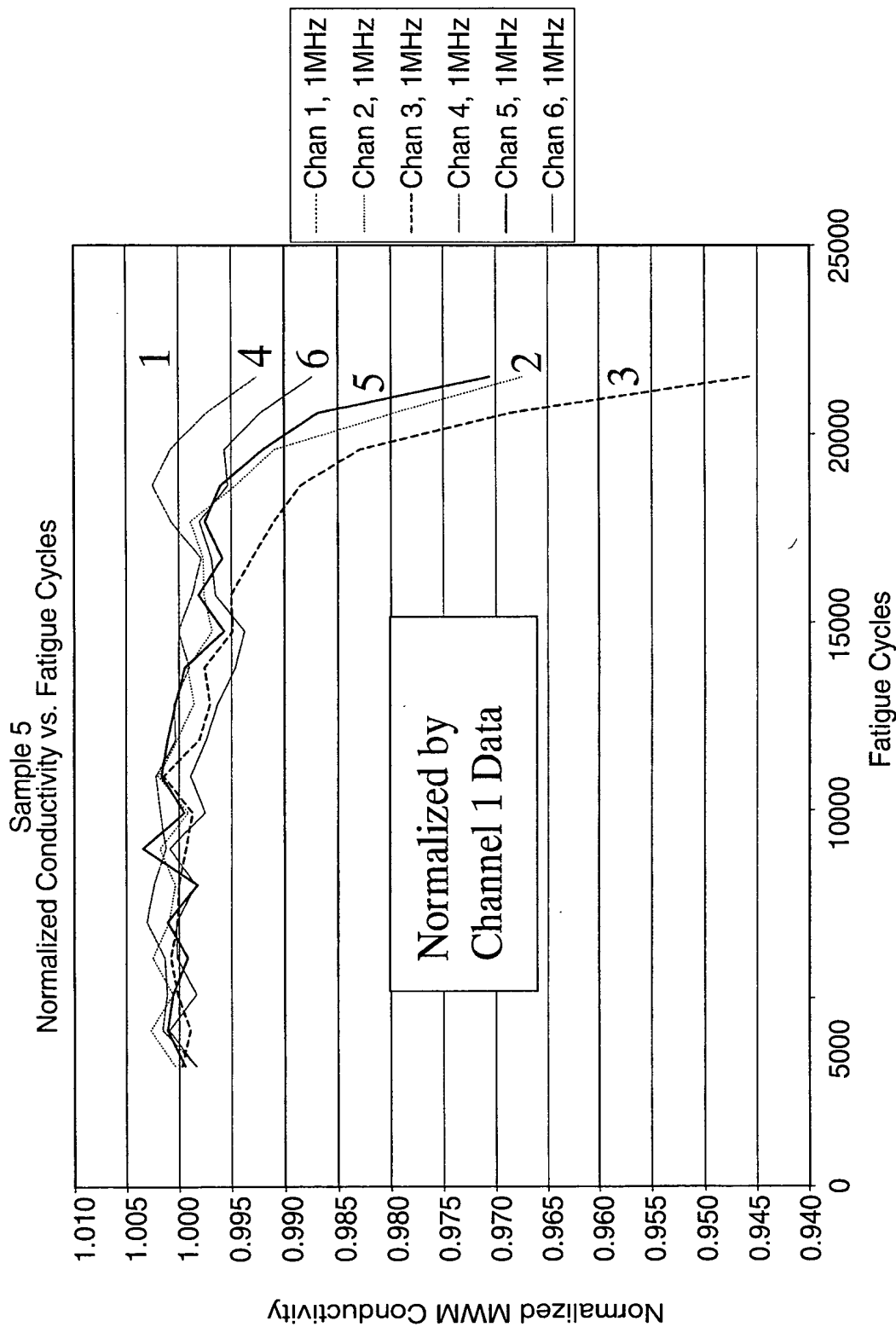


FIG. 14a



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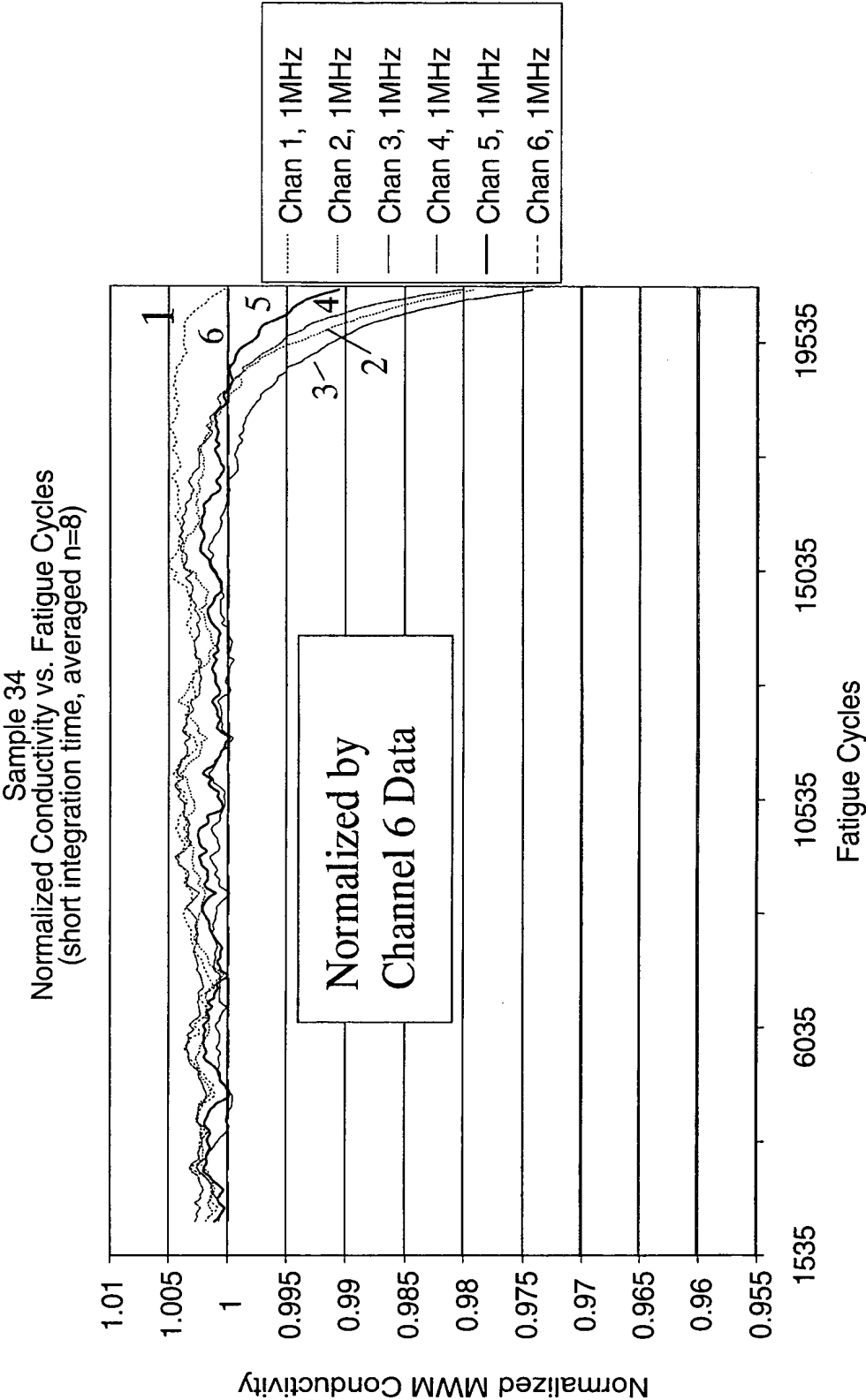


FIG. 14b

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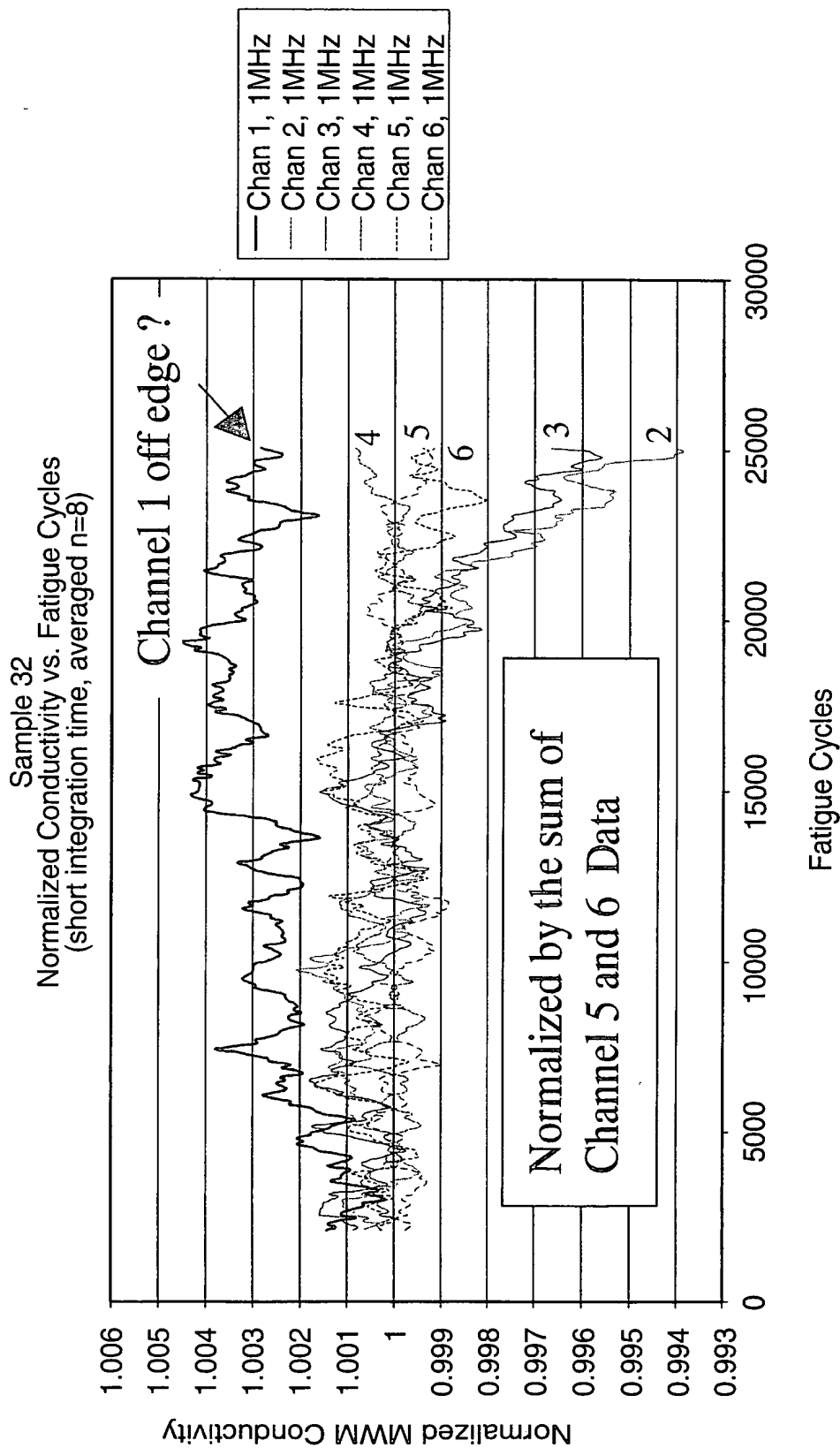


FIG. 14c

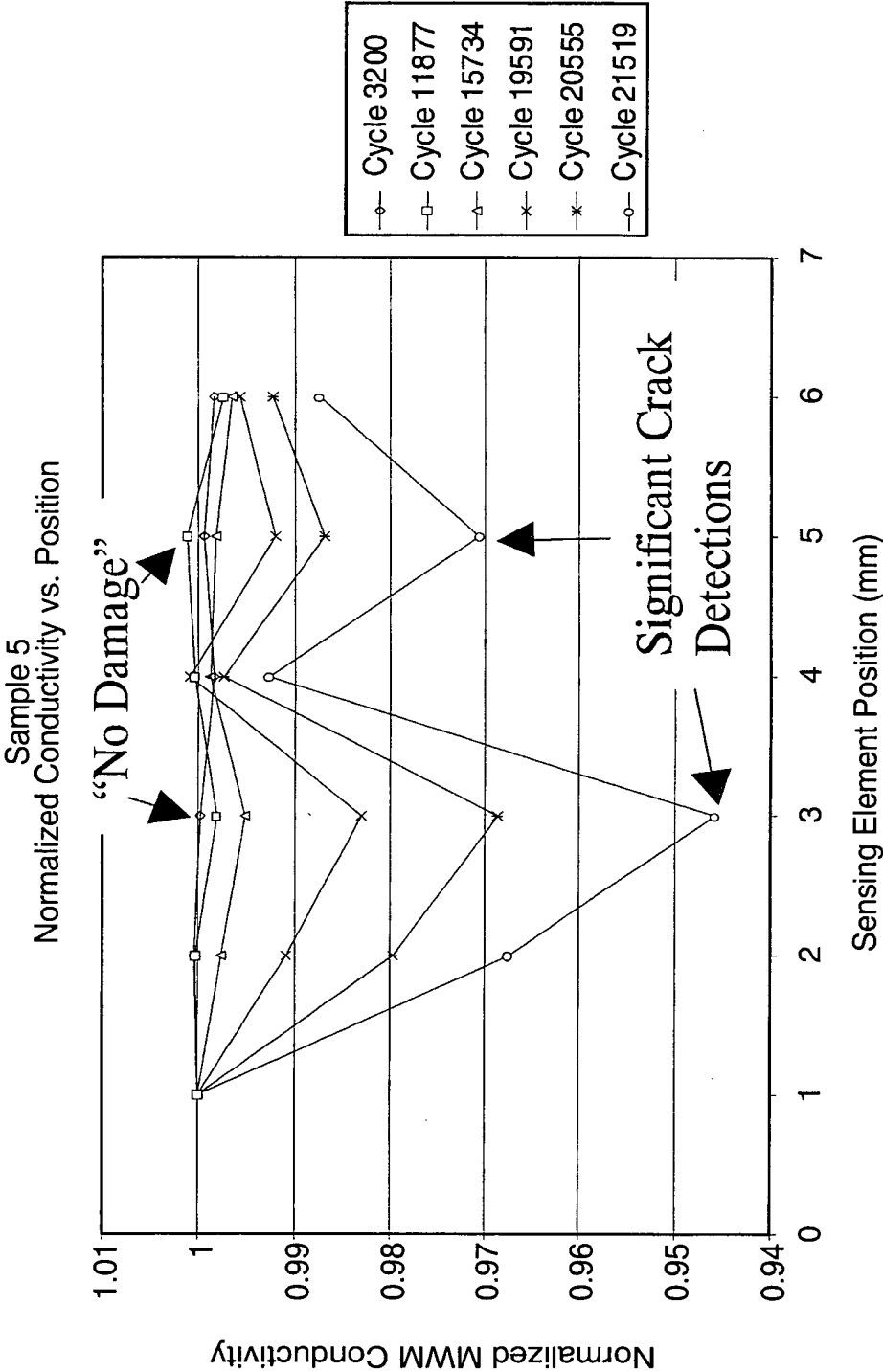


FIG. 15a

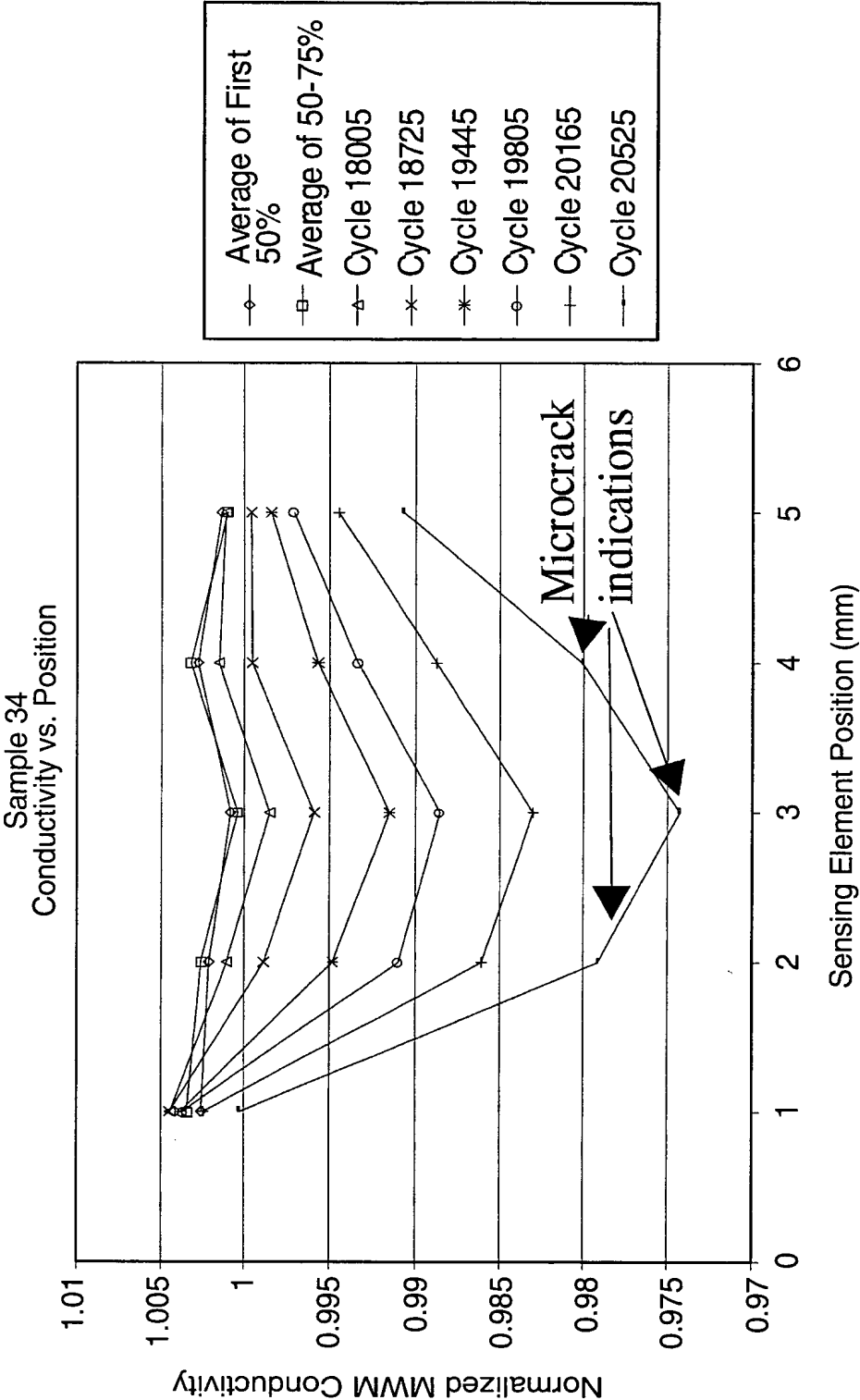


FIG. 15b

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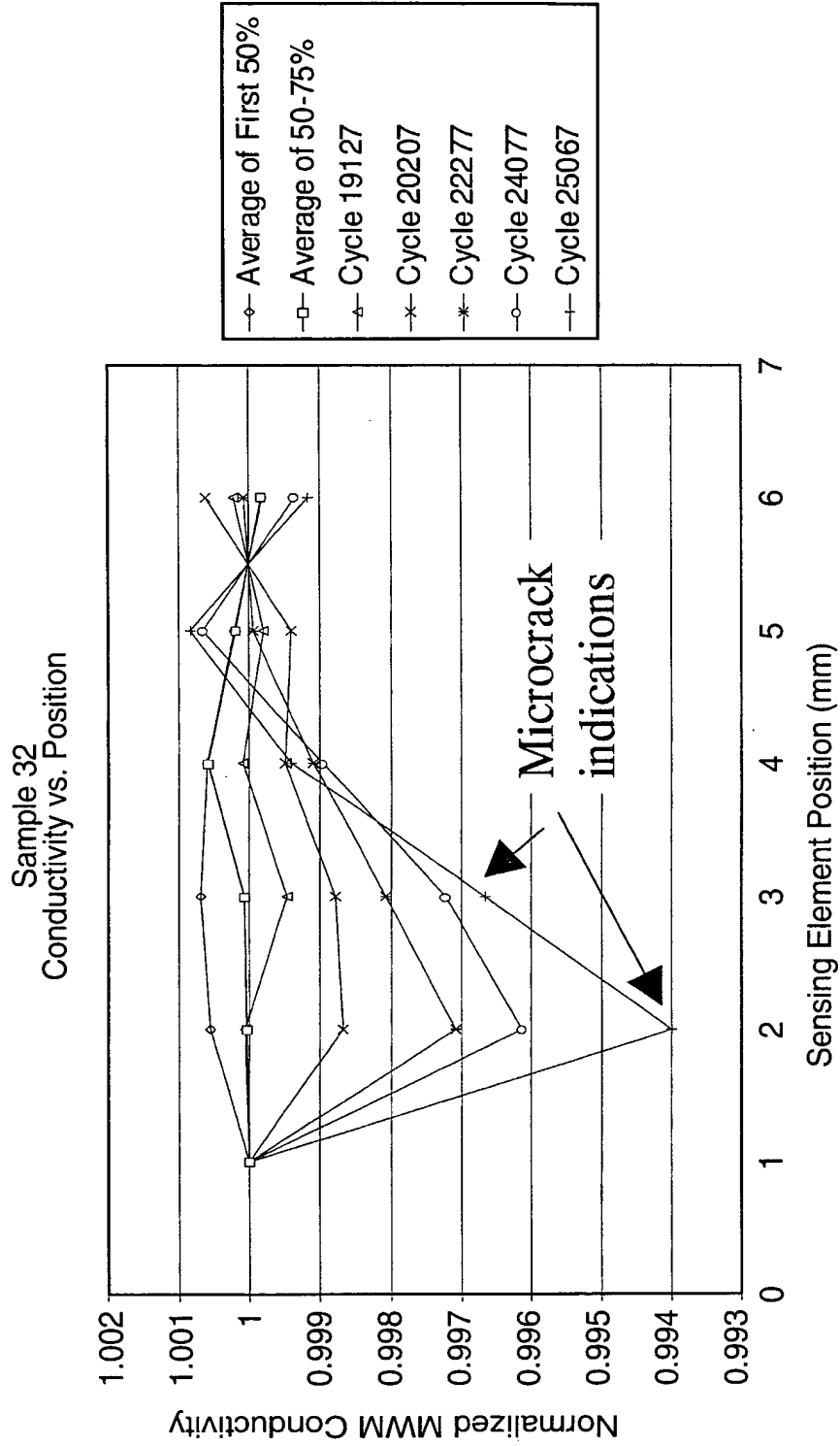


FIG. 15c

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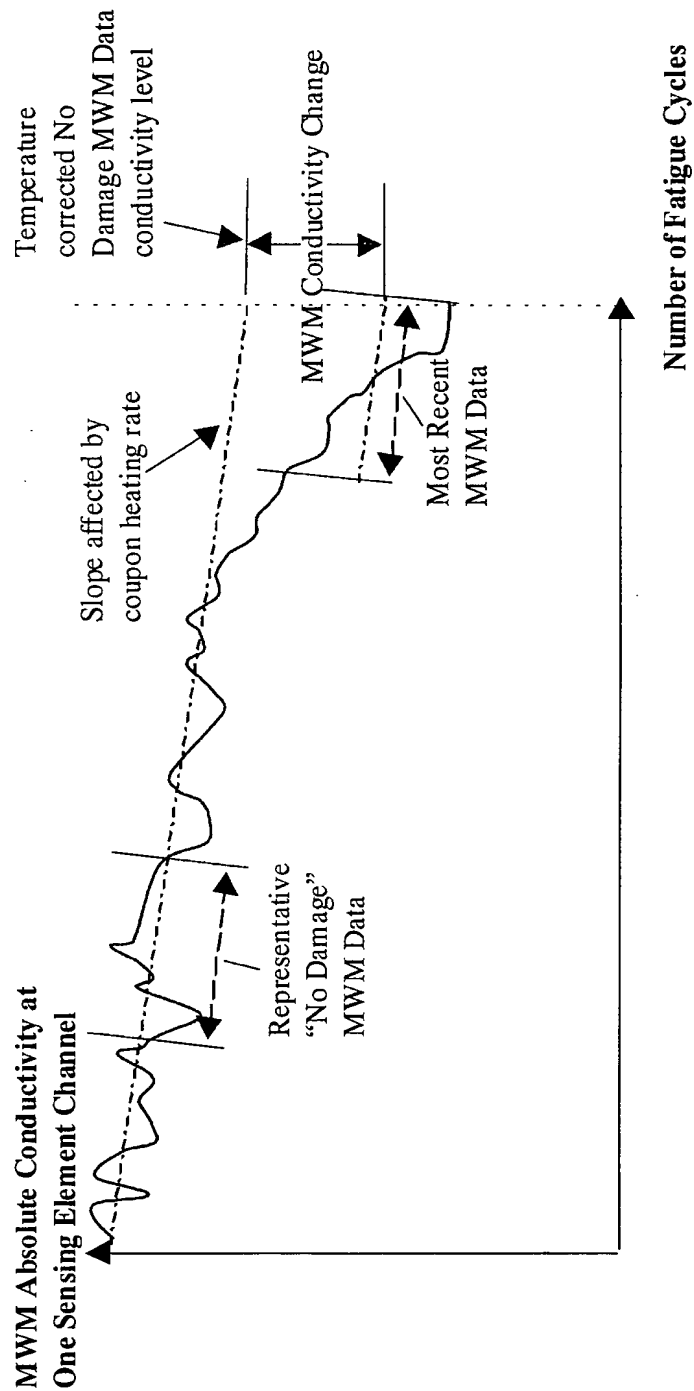


FIG. 16

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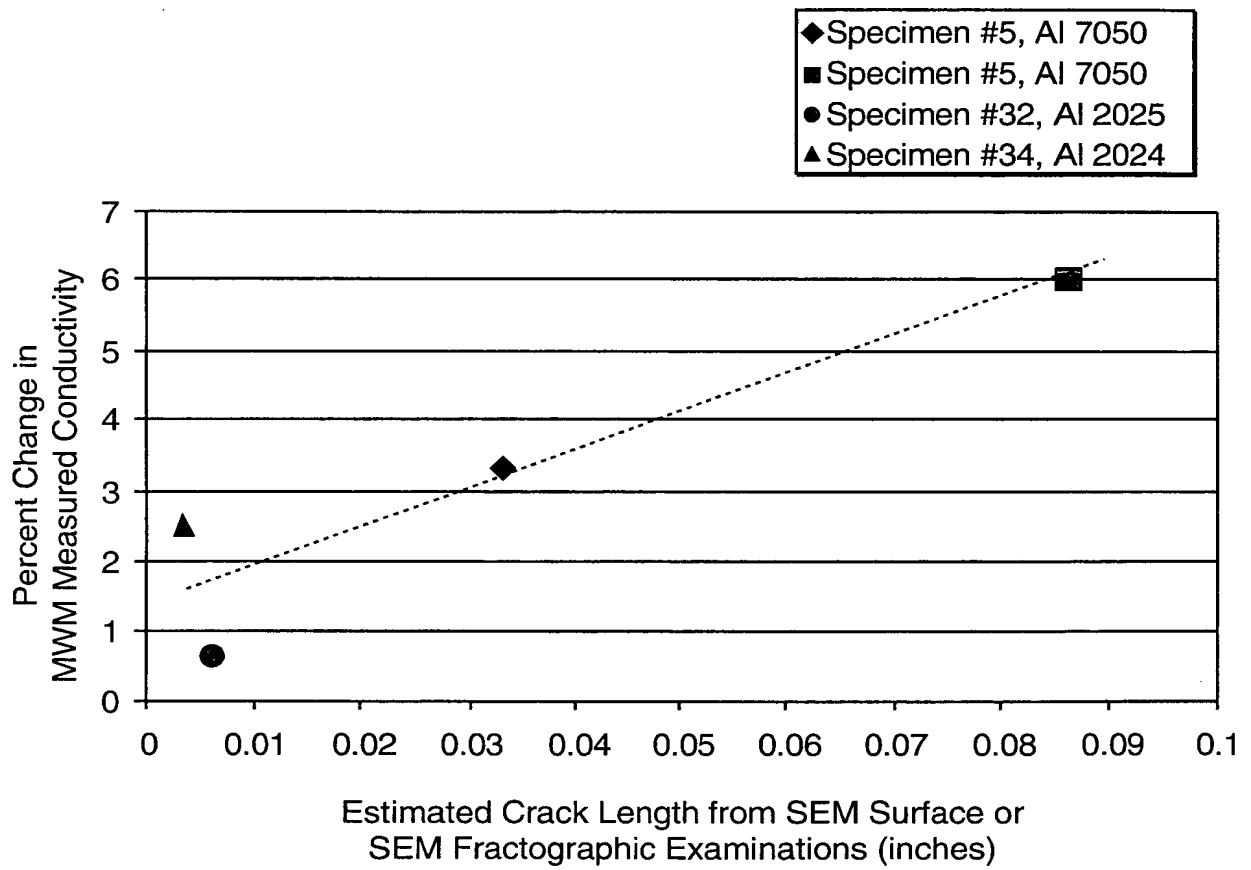


FIG. 17

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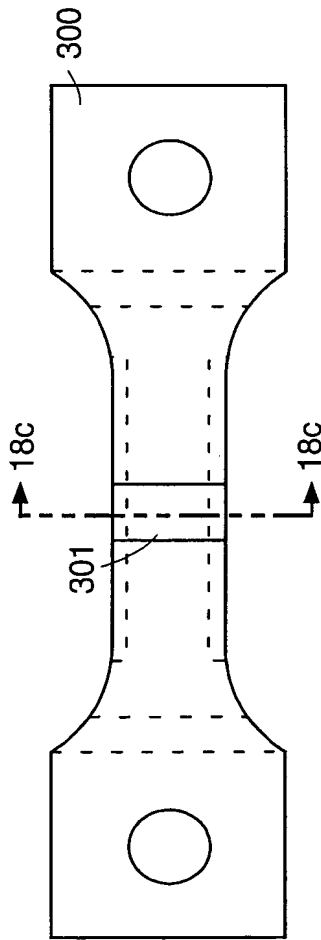


FIG. 18a

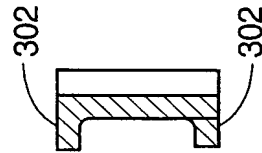


FIG. 18c

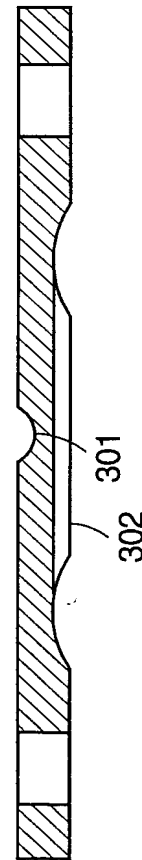


FIG. 18b



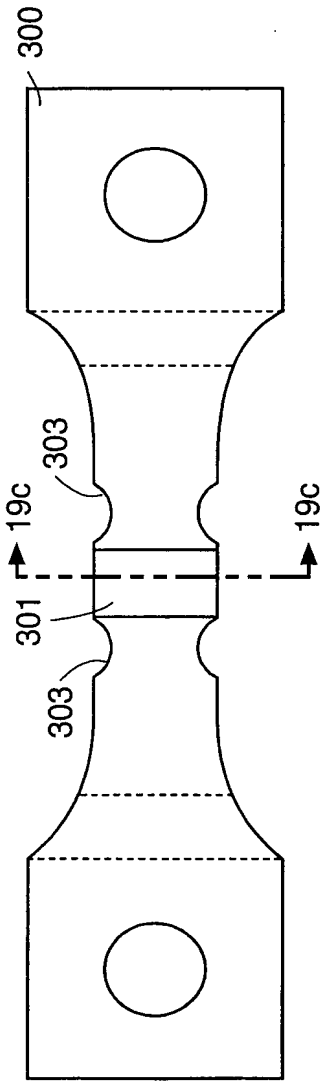


FIG. 19c

FIG. 19a

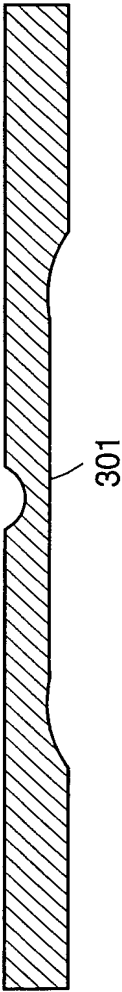


FIG. 19b

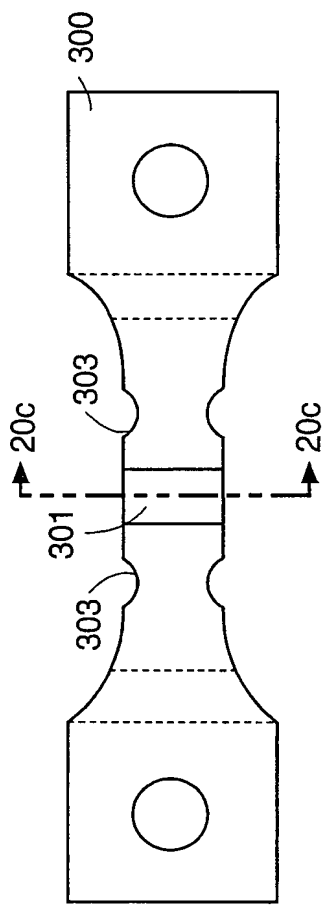


FIG. 20a

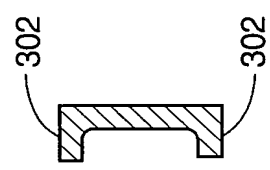


FIG. 20c

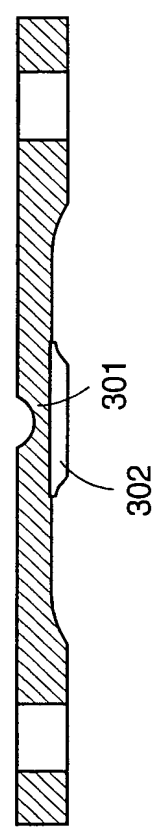


FIG. 20b

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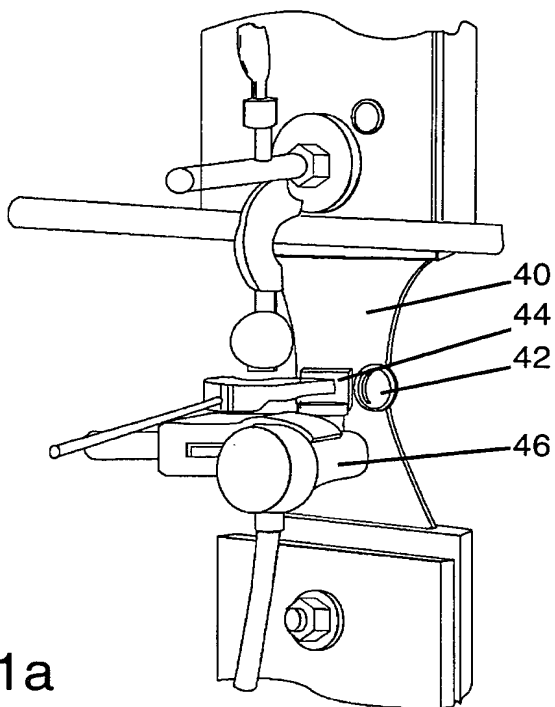


FIG. 21a

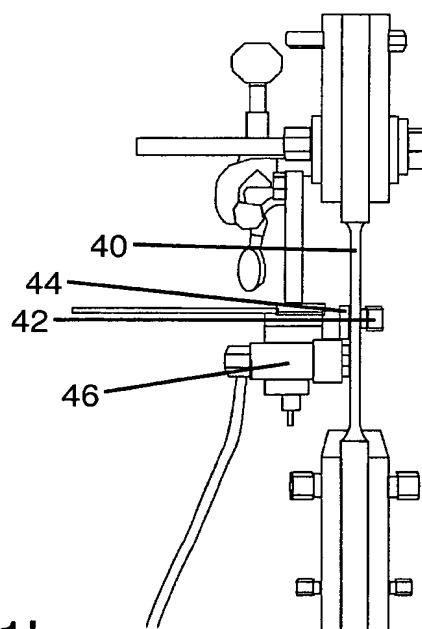


FIG. 21b

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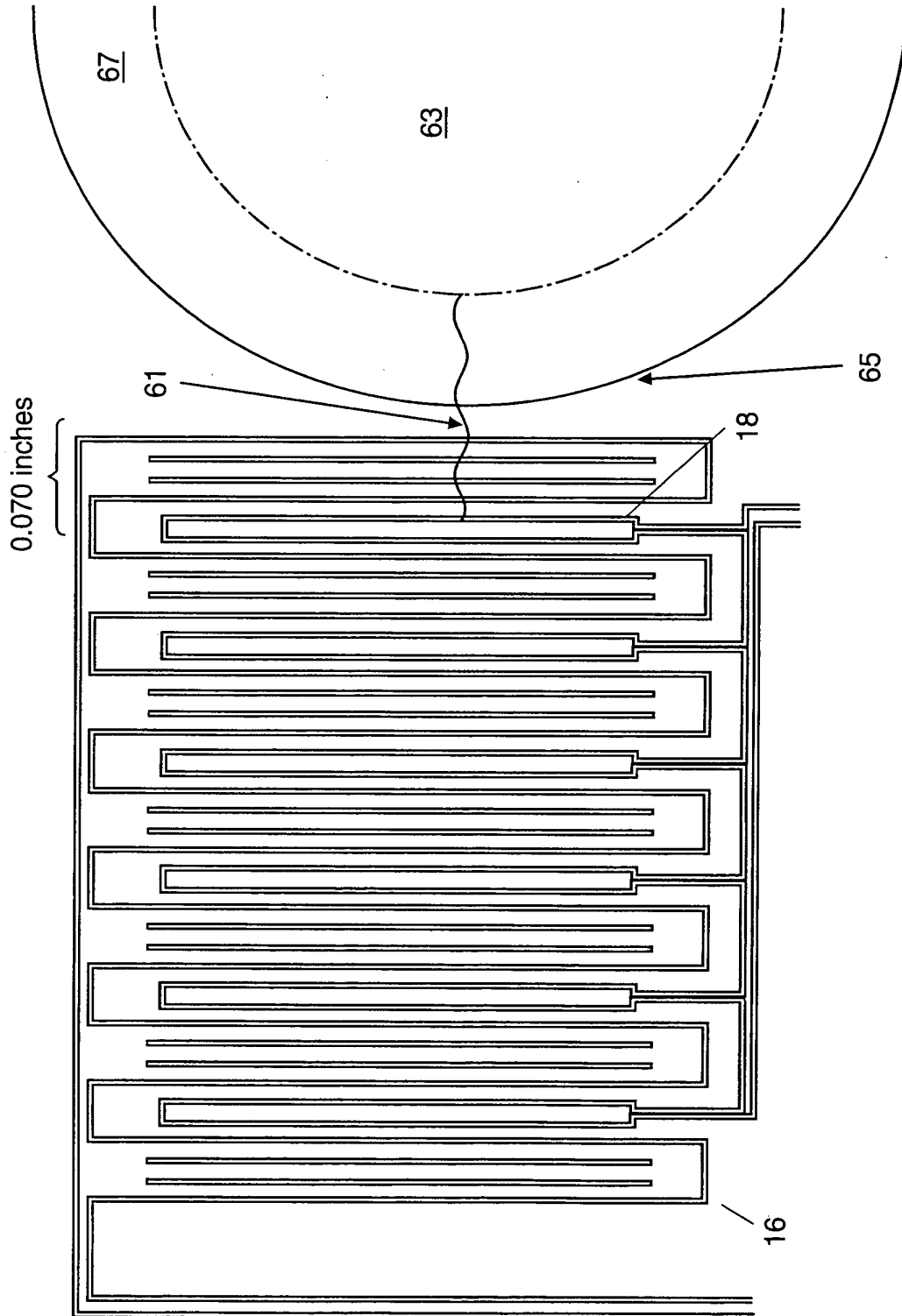


FIG. 22

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FIG. 23a

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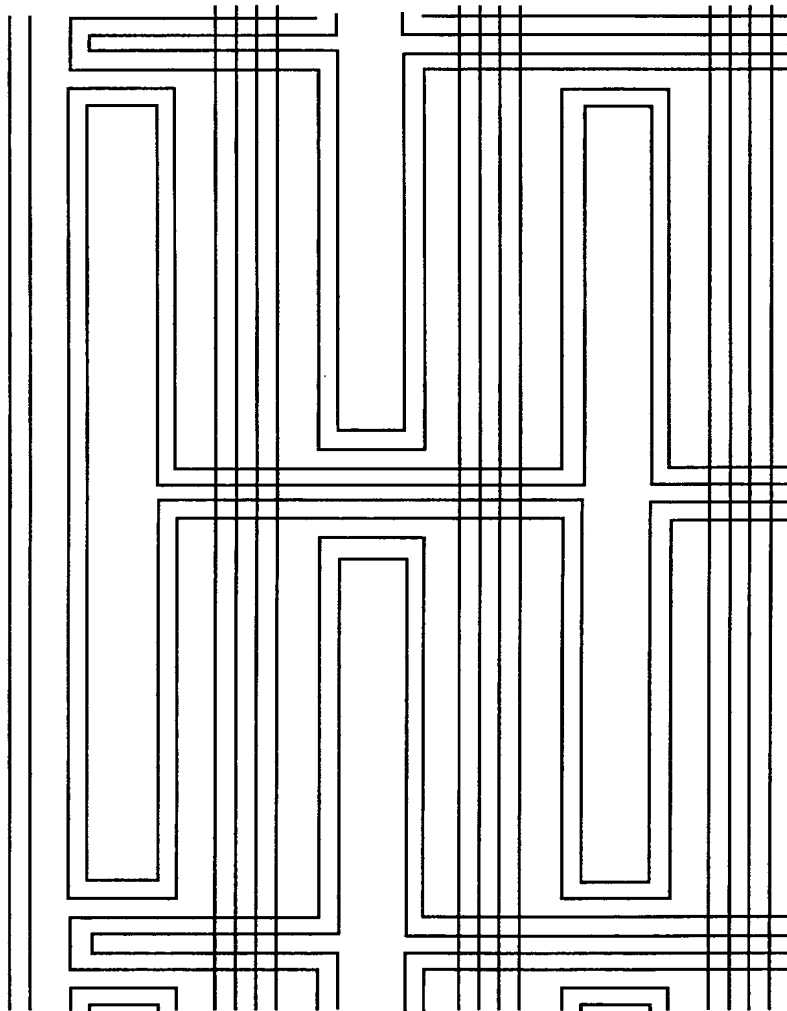


FIG. 23b

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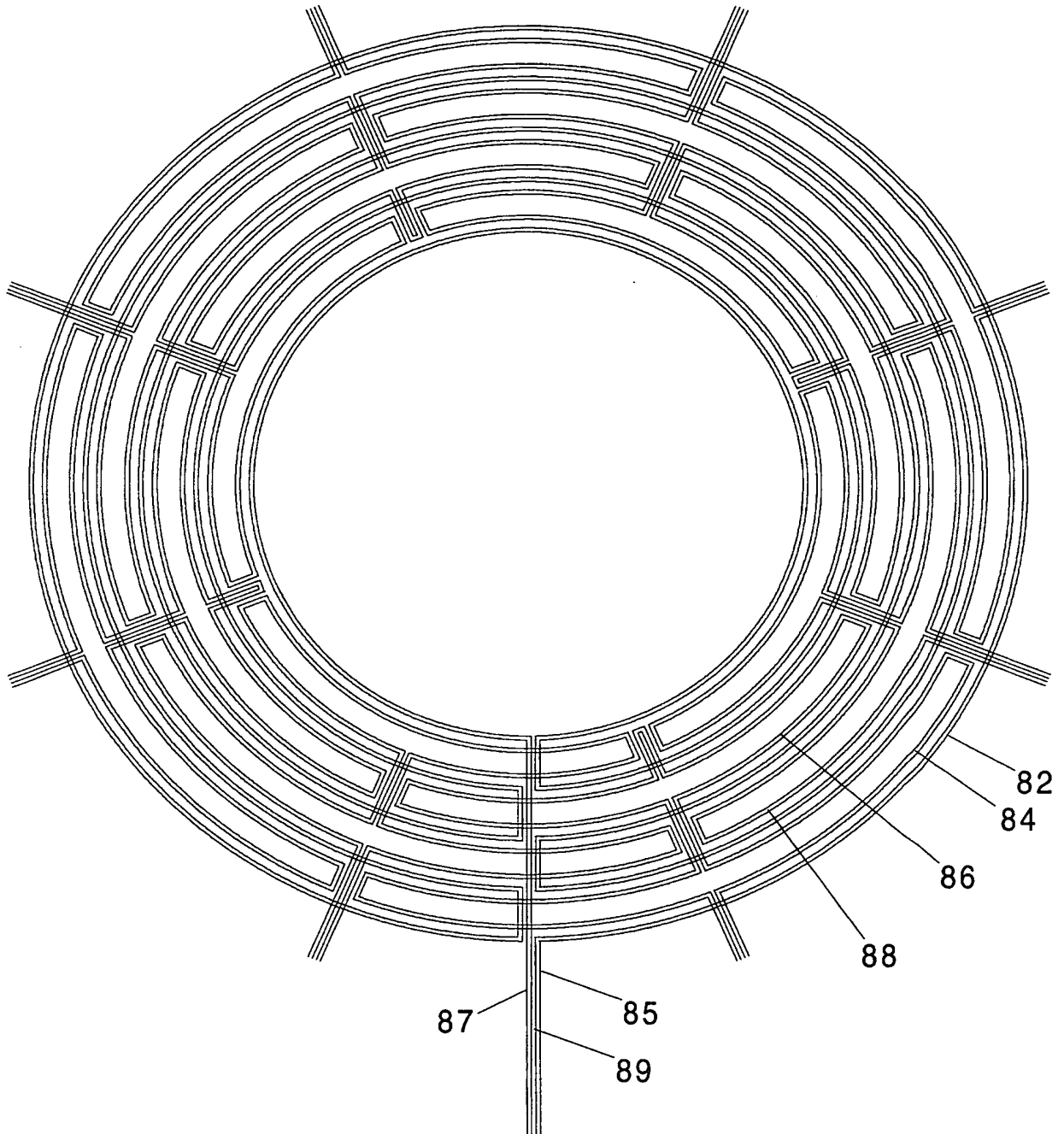


FIG. 24a

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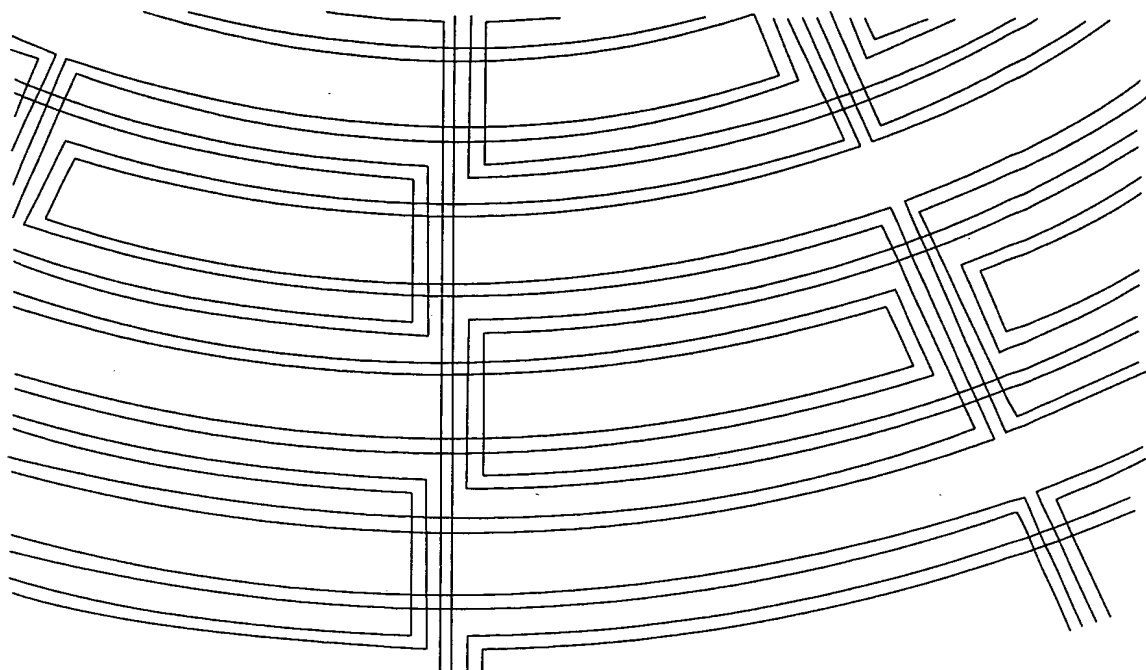


FIG. 24b



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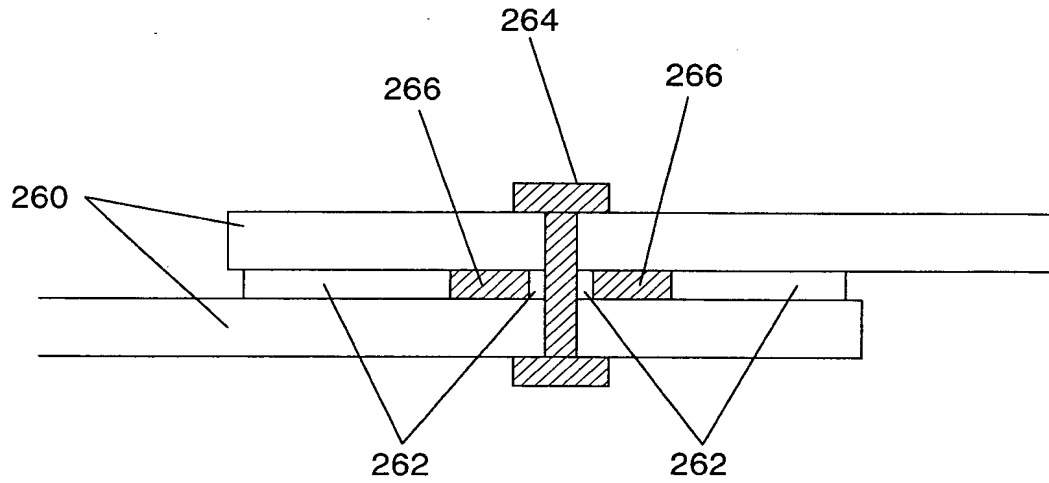


FIG. 25

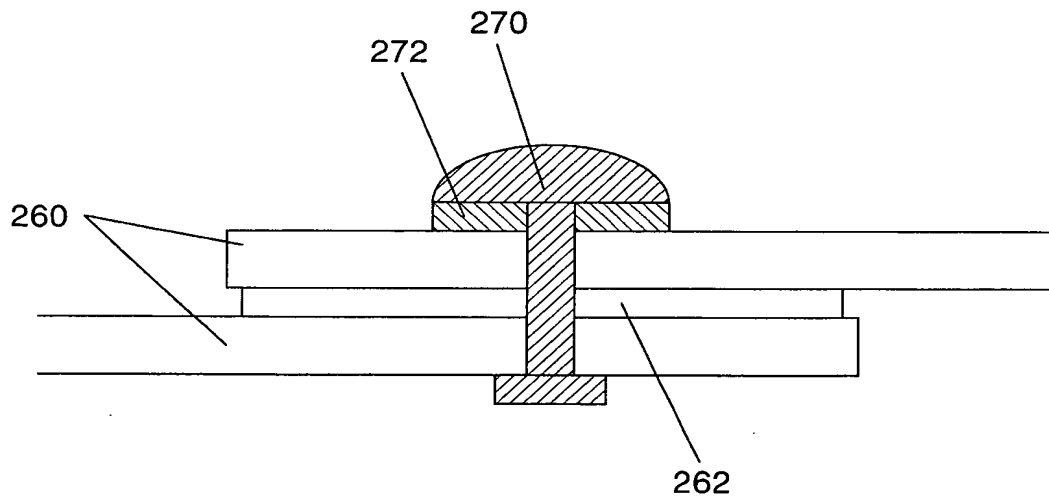


FIG. 26

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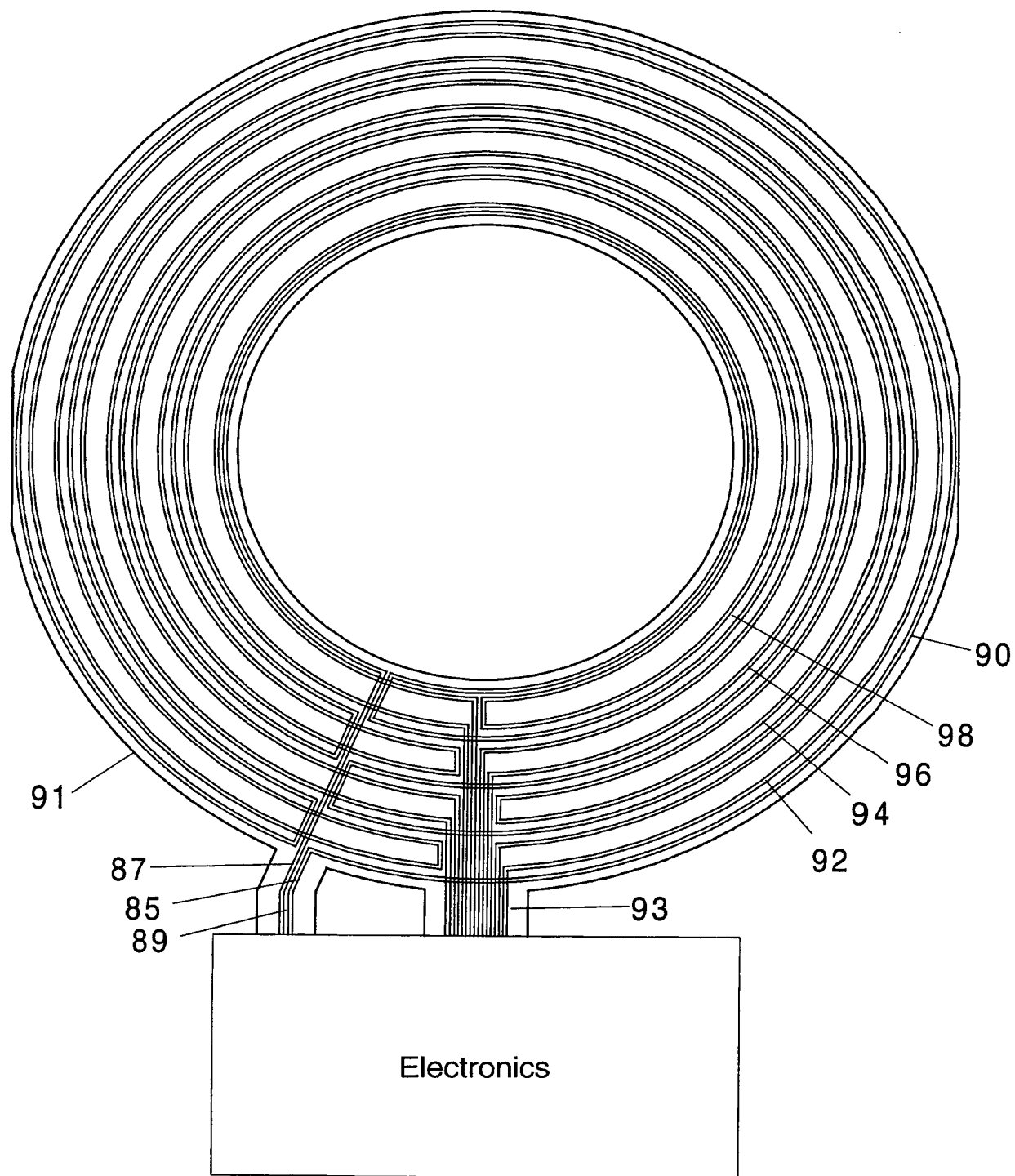


FIG. 27a

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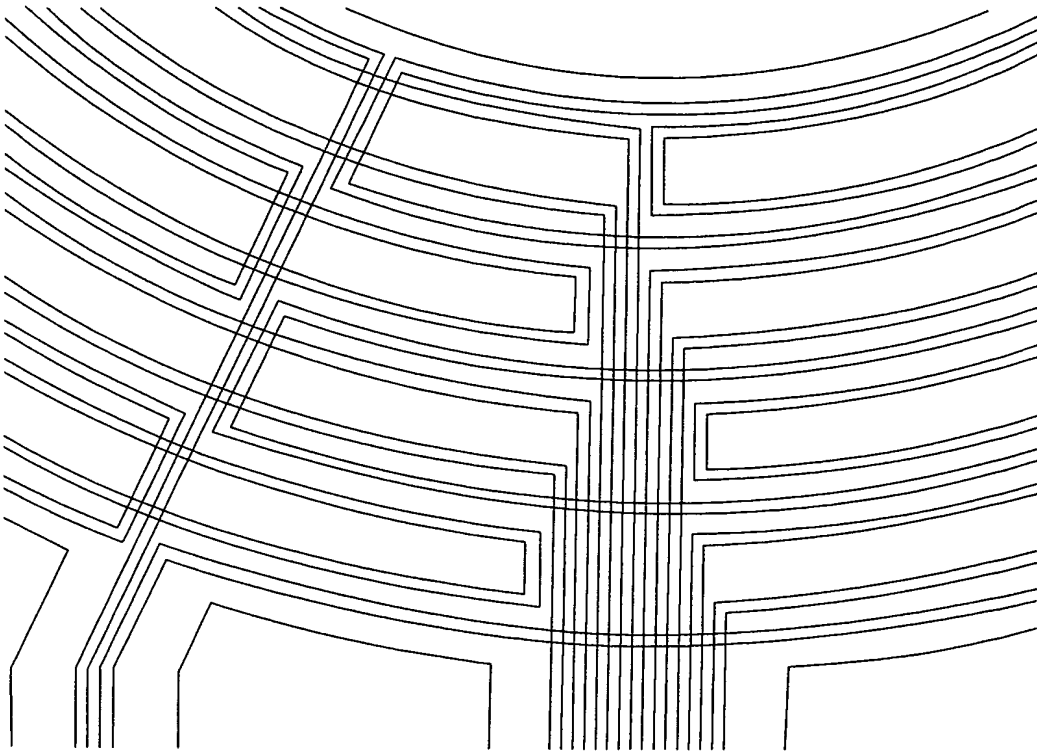


FIG. 27b

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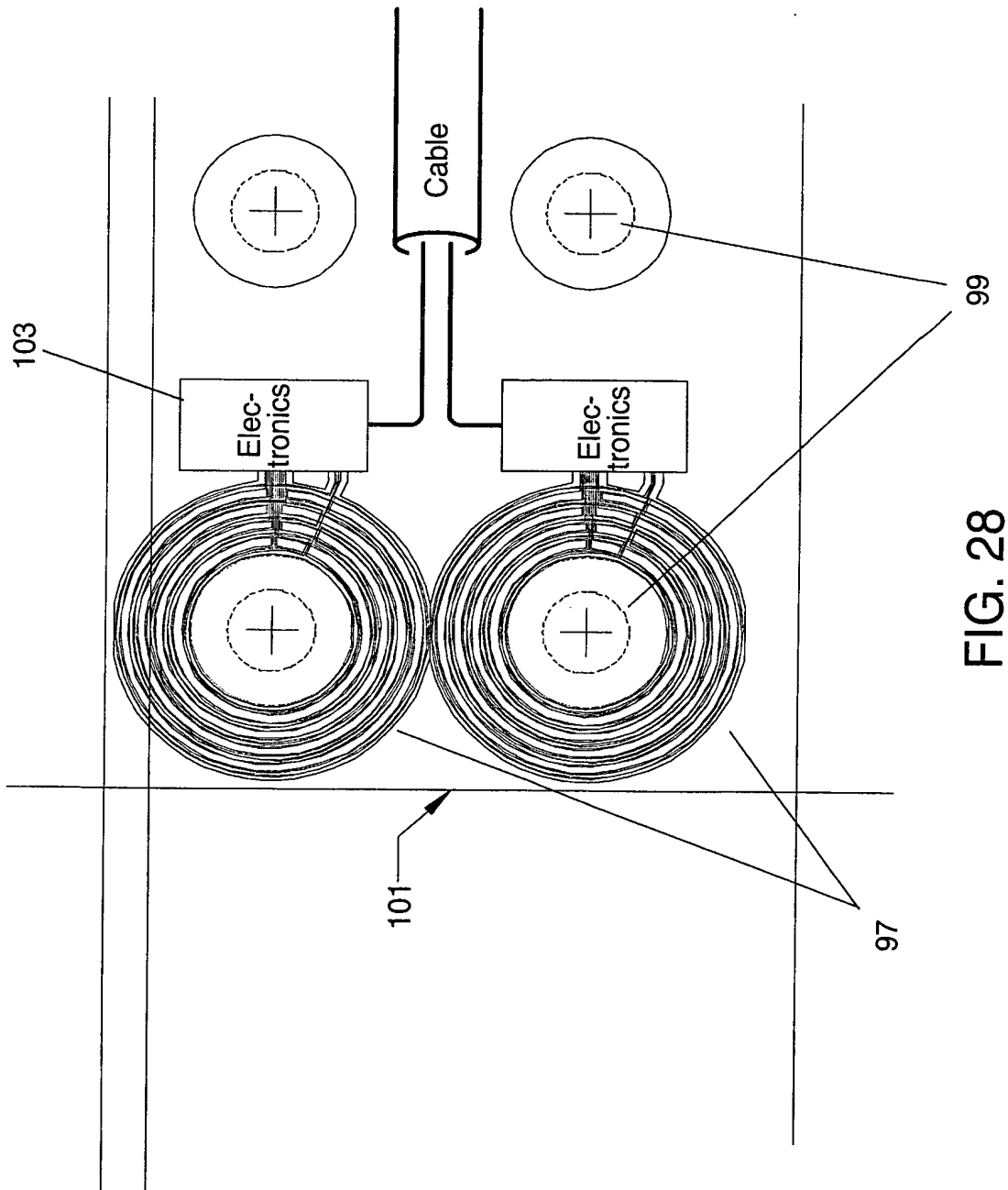
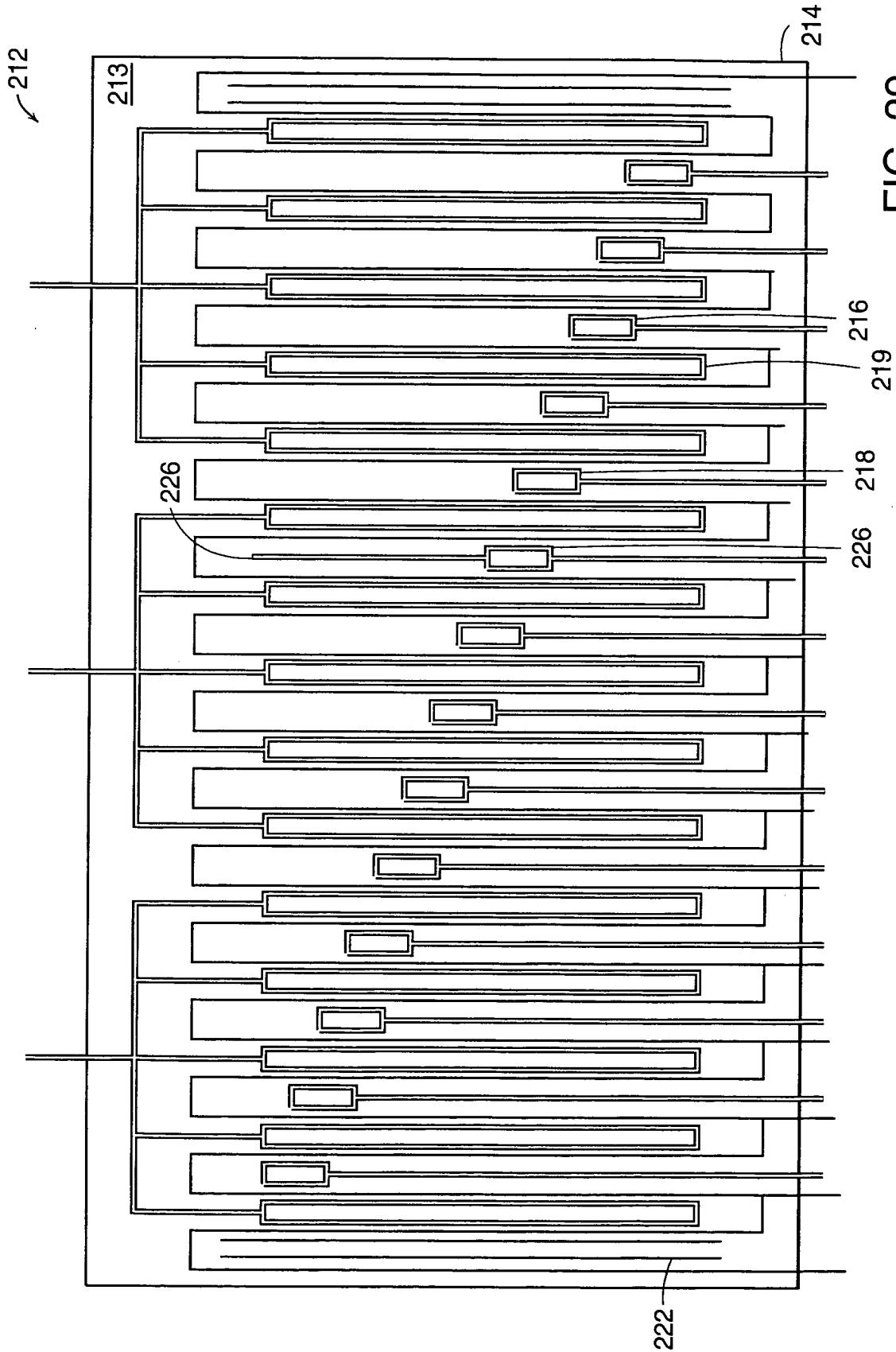


FIG. 28

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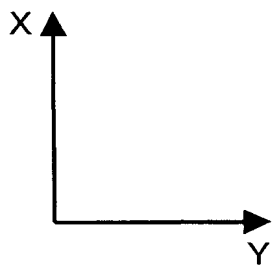
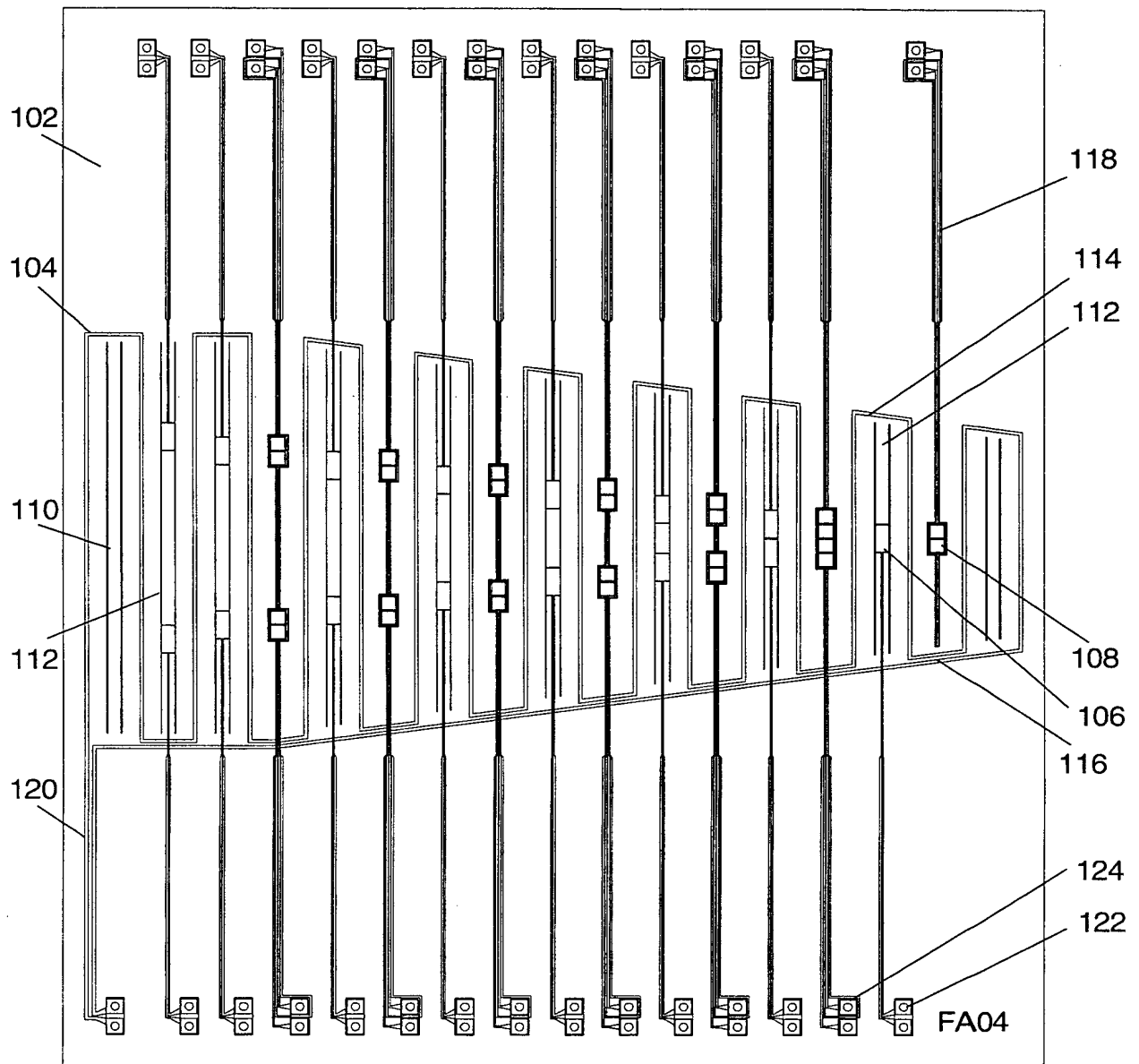


FIG. 30

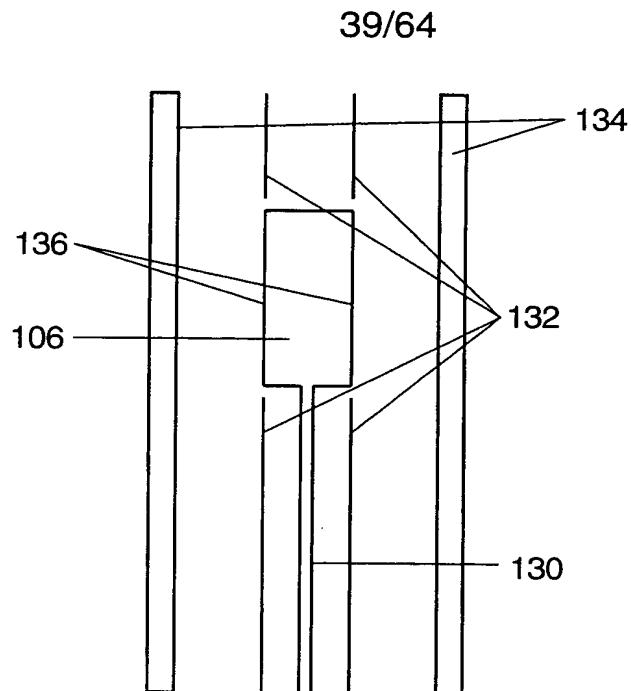


FIG. 31

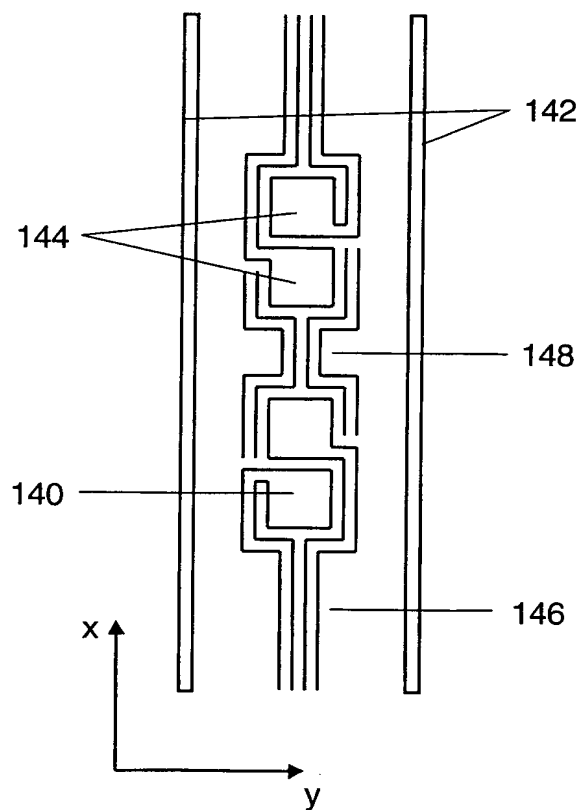


FIG. 32

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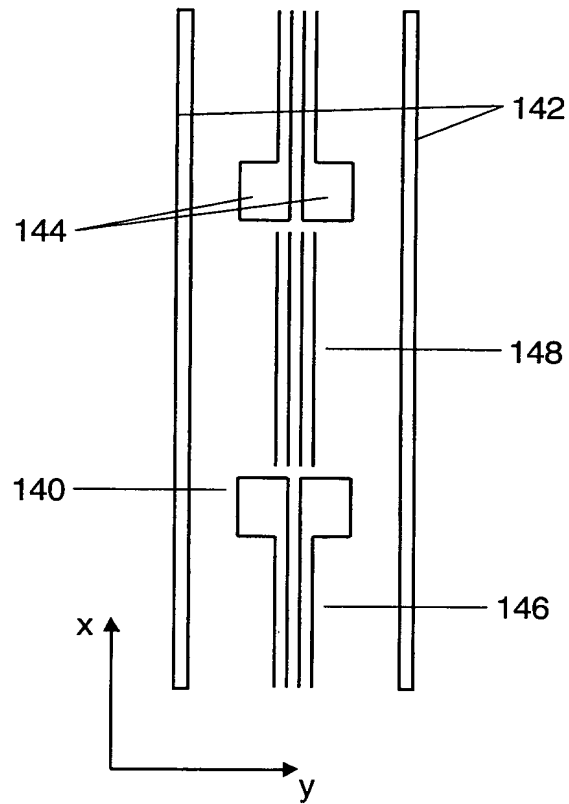


FIG. 33

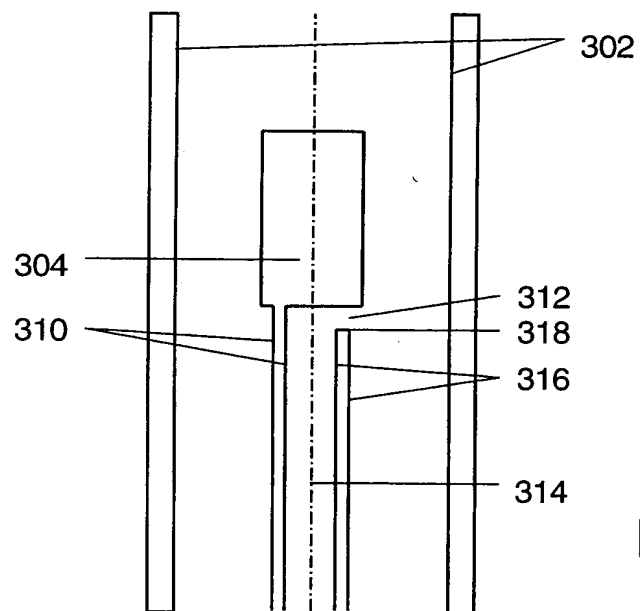


FIG. 34



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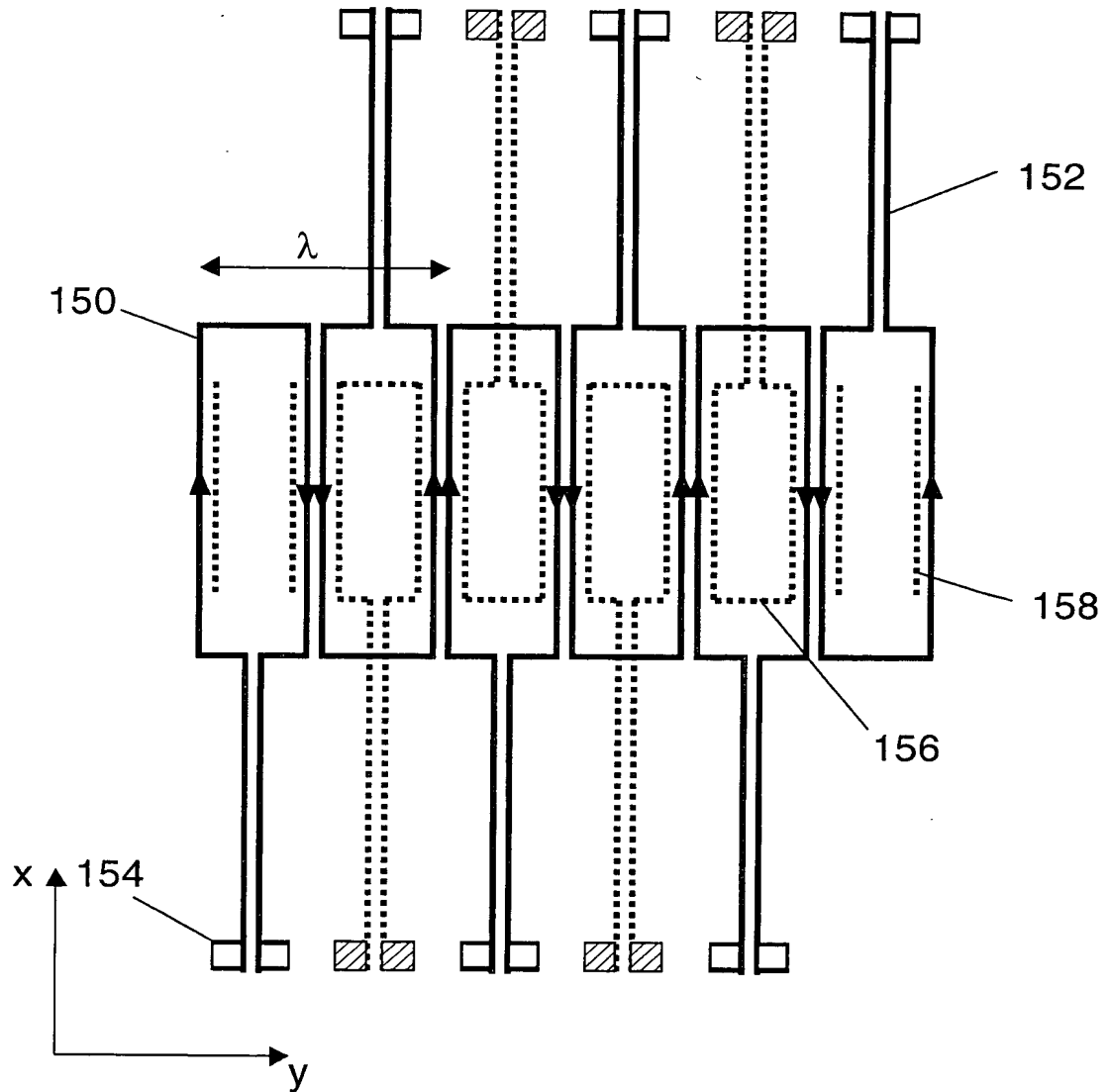


FIG. 35

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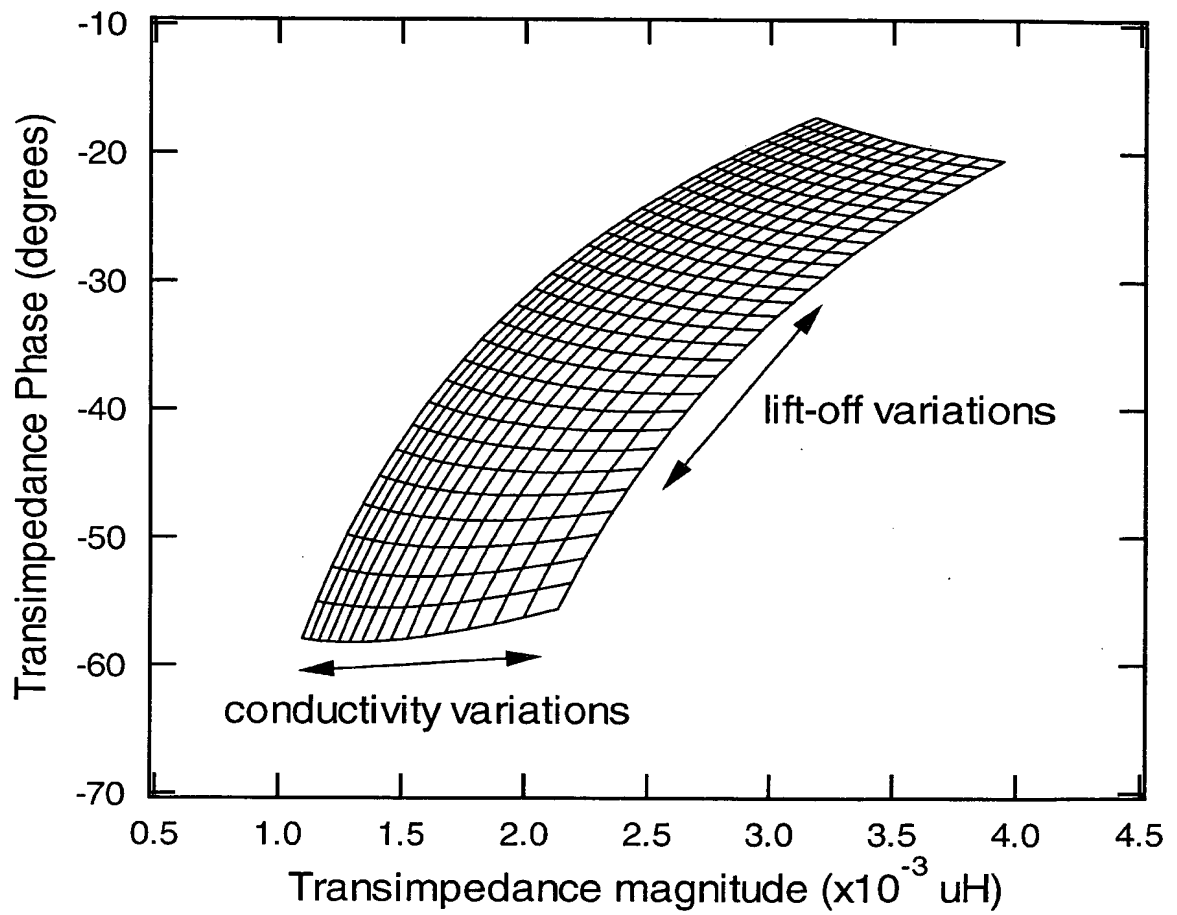


FIG. 36

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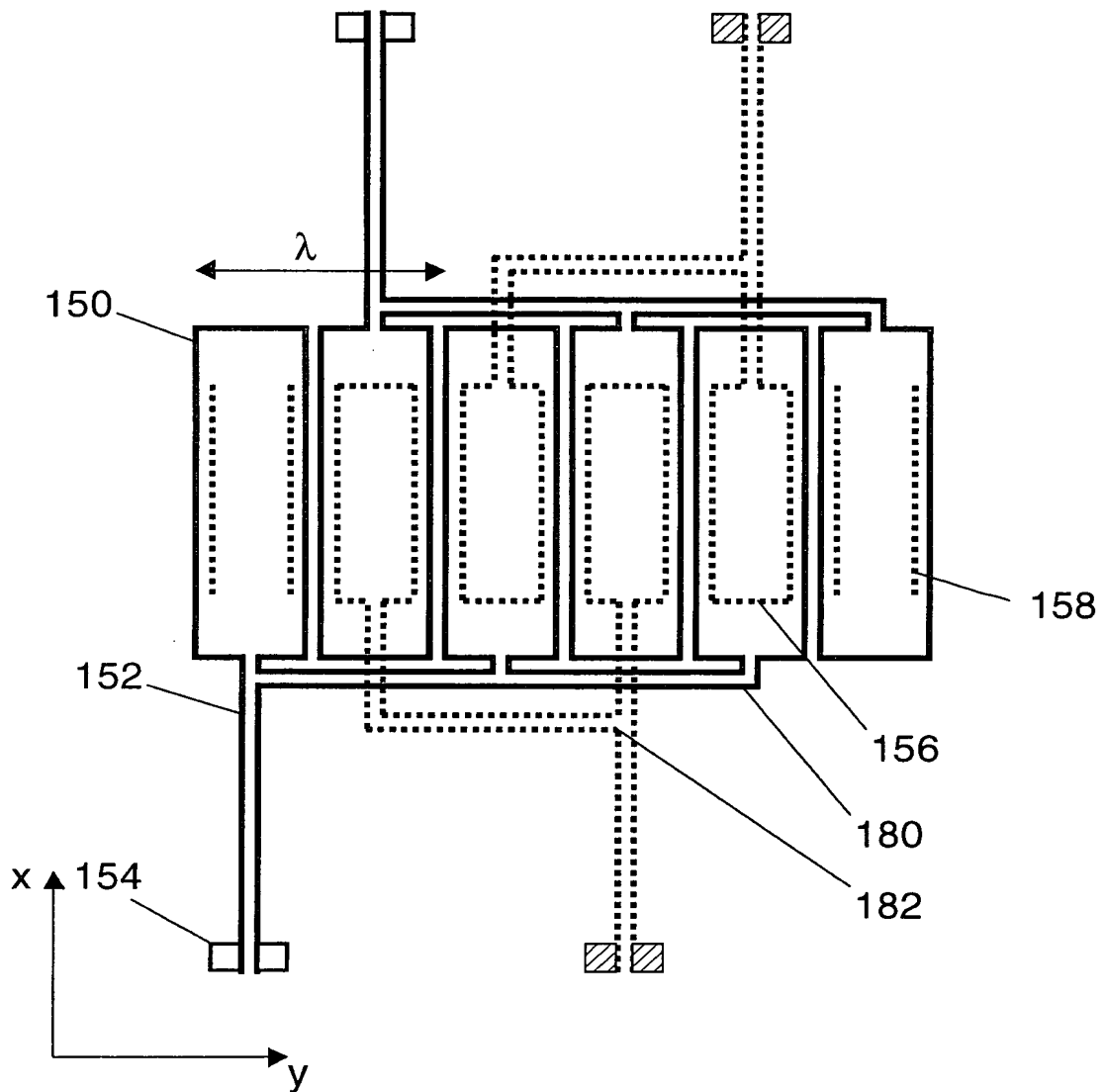


FIG. 37

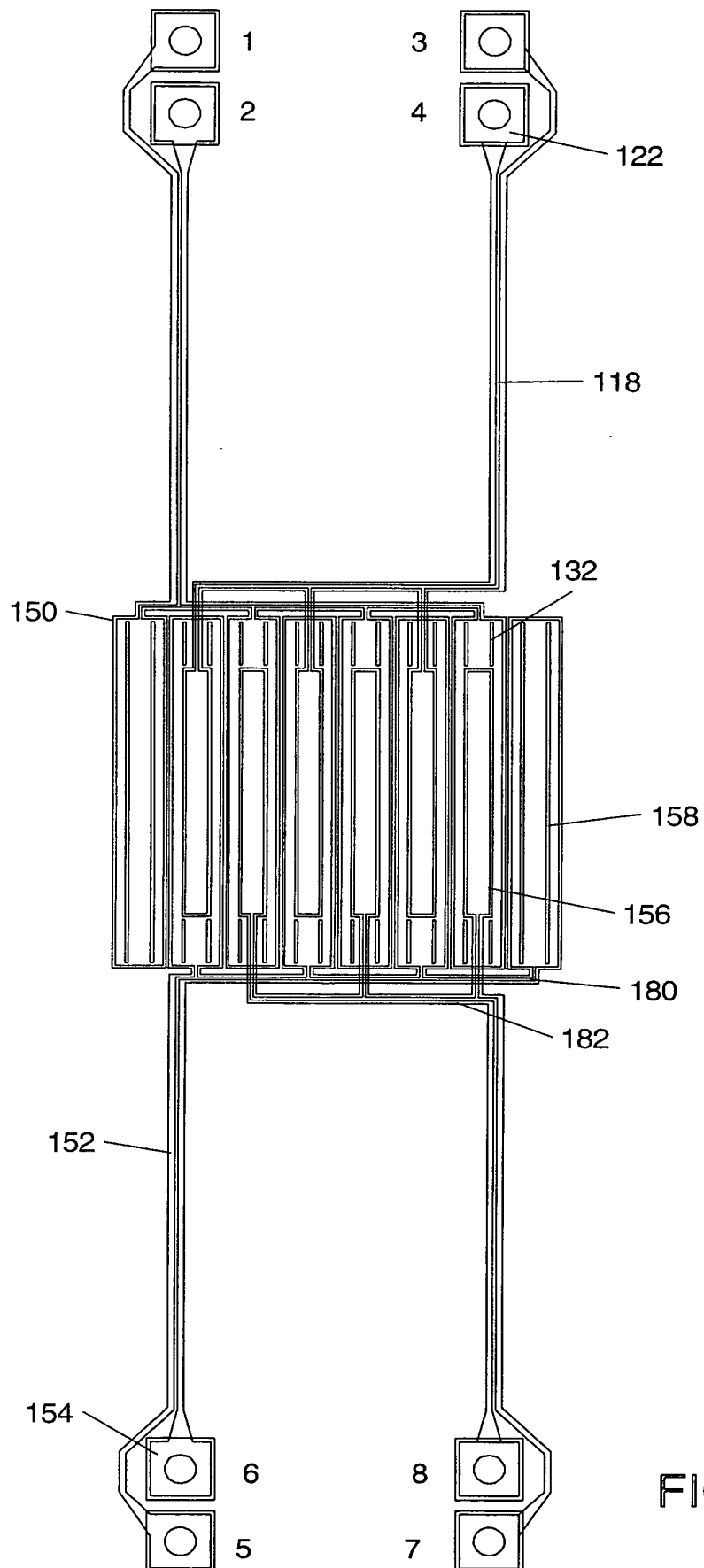


FIG. 38a

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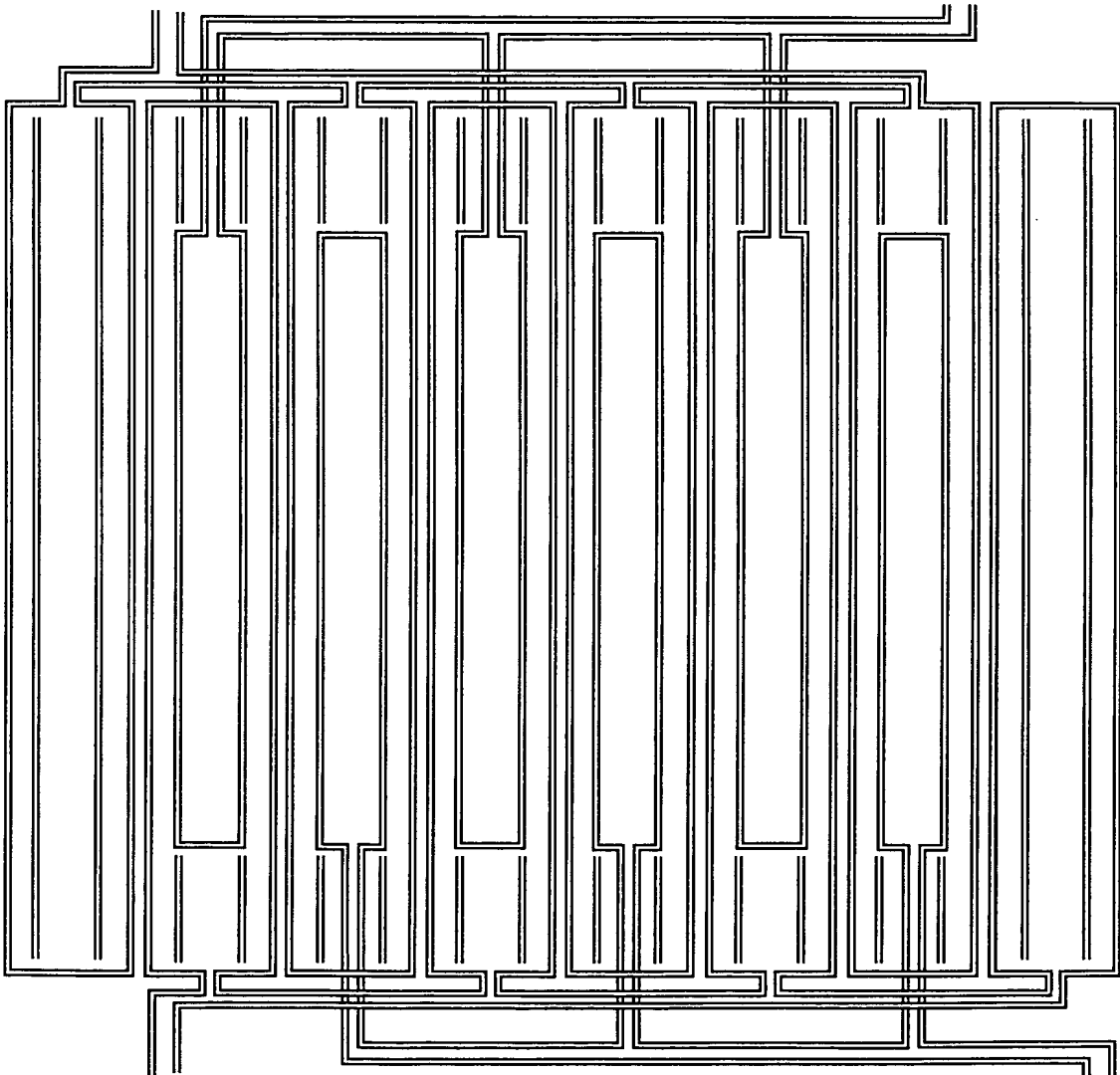


FIG. 38b

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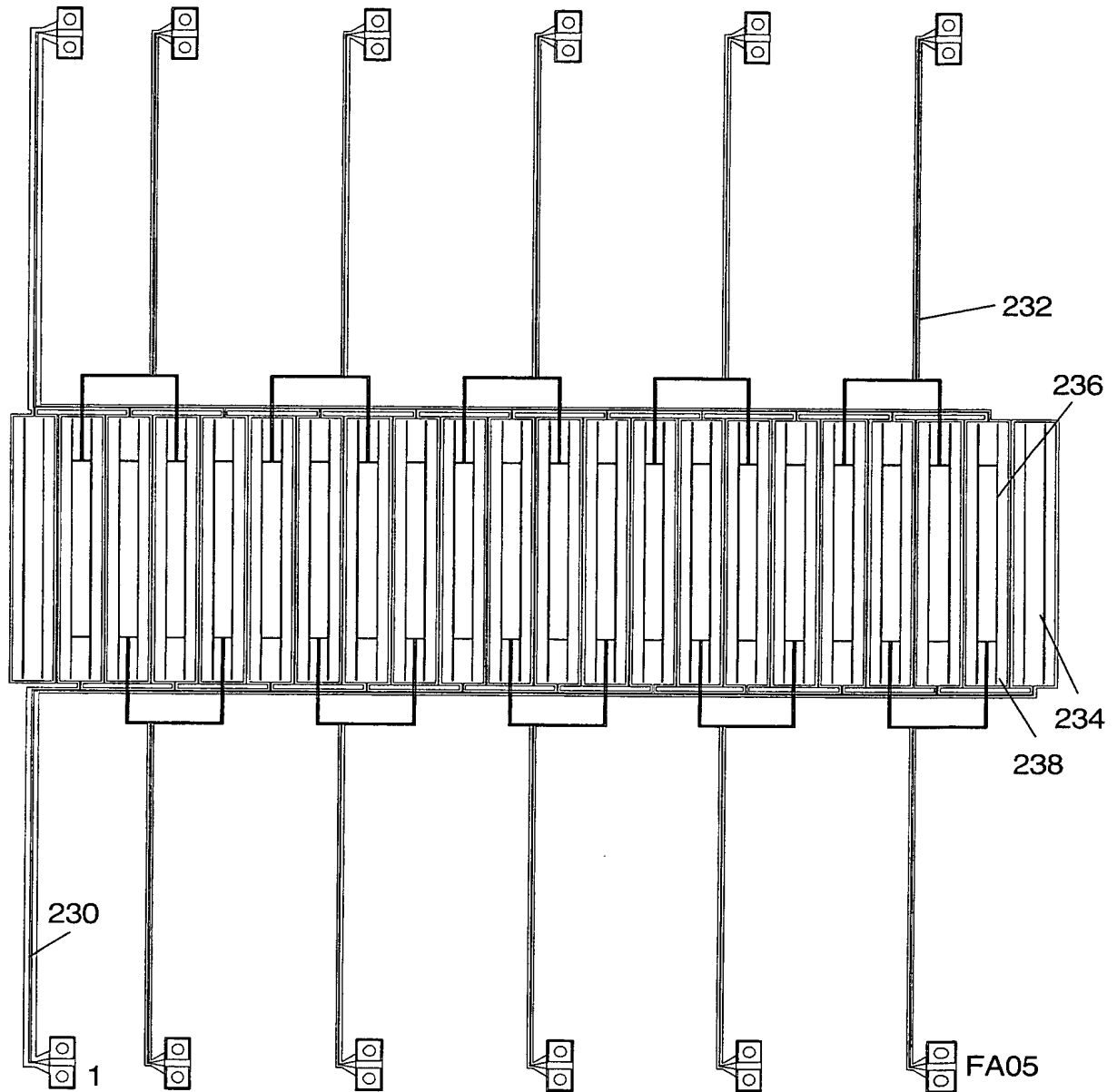


FIG. 39

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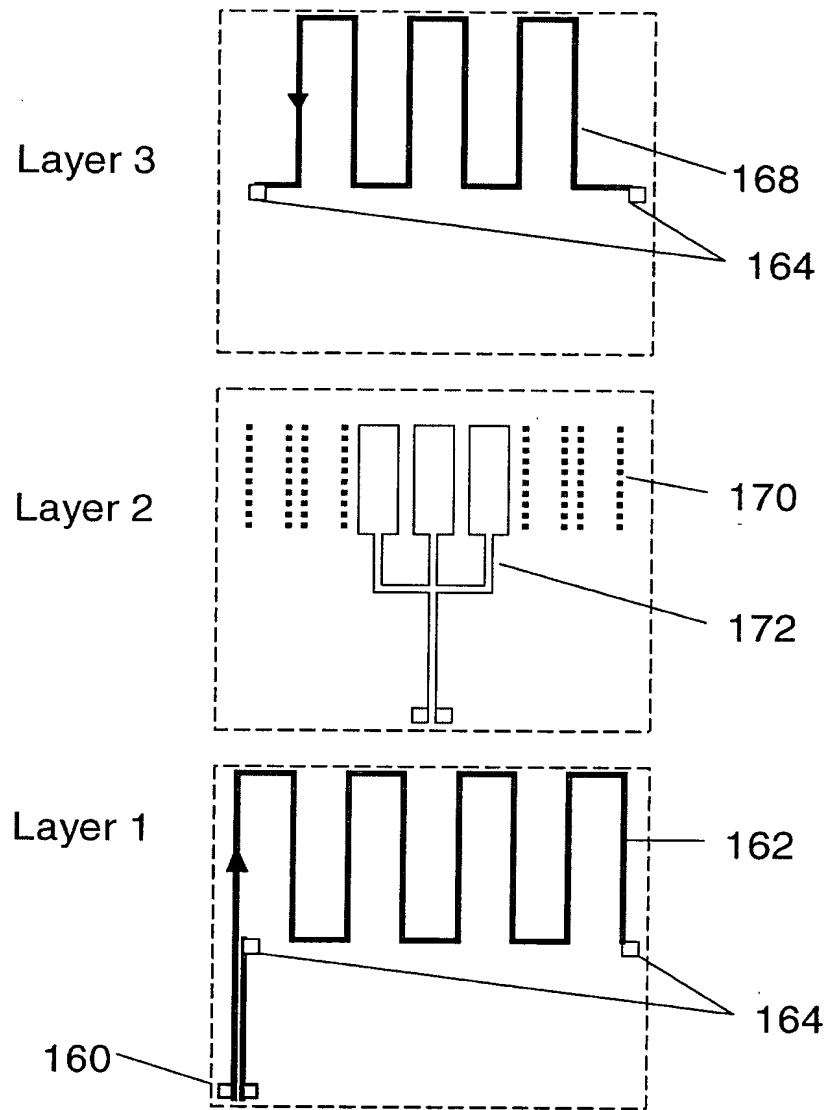


FIG. 40

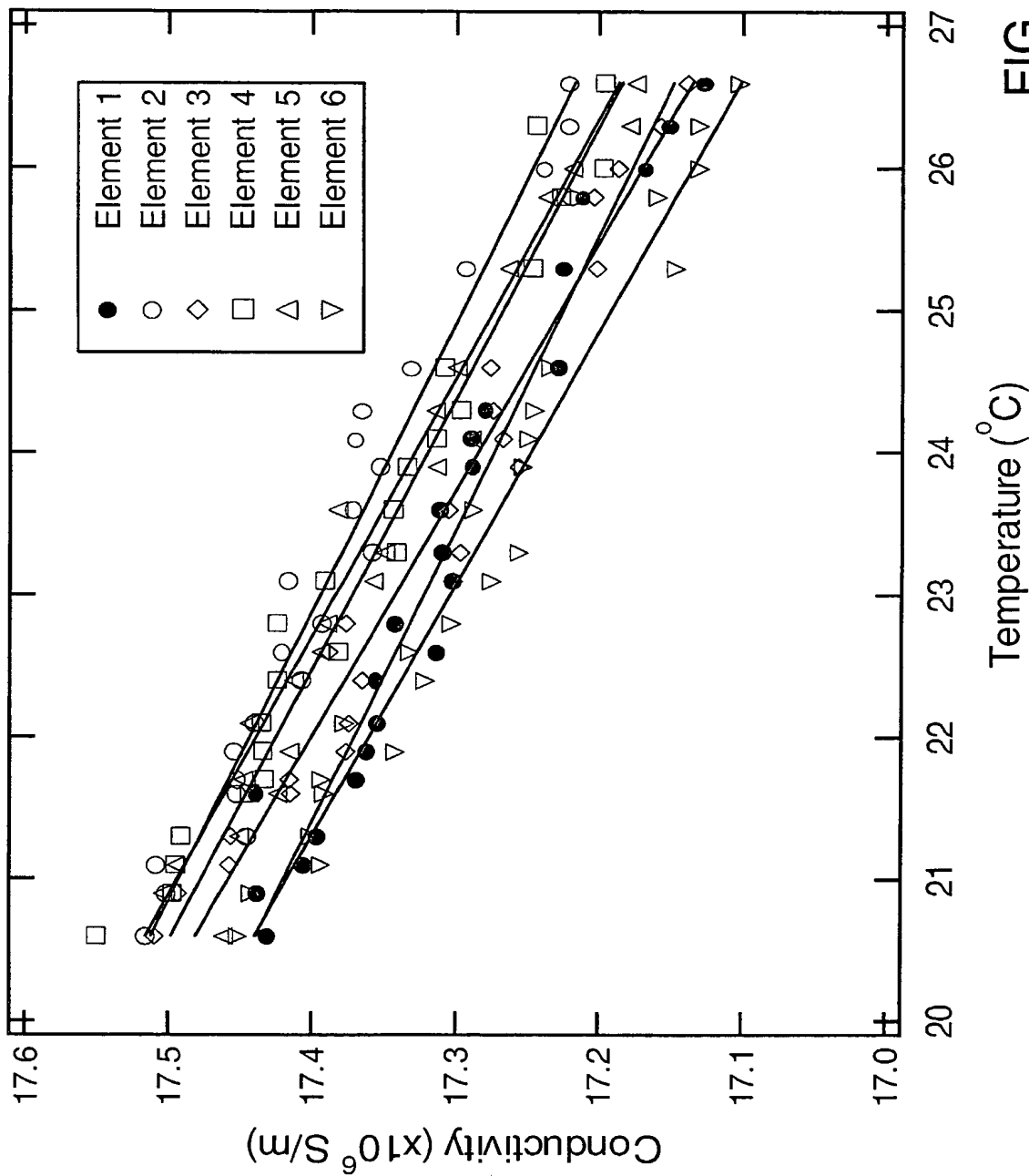


FIG. 41



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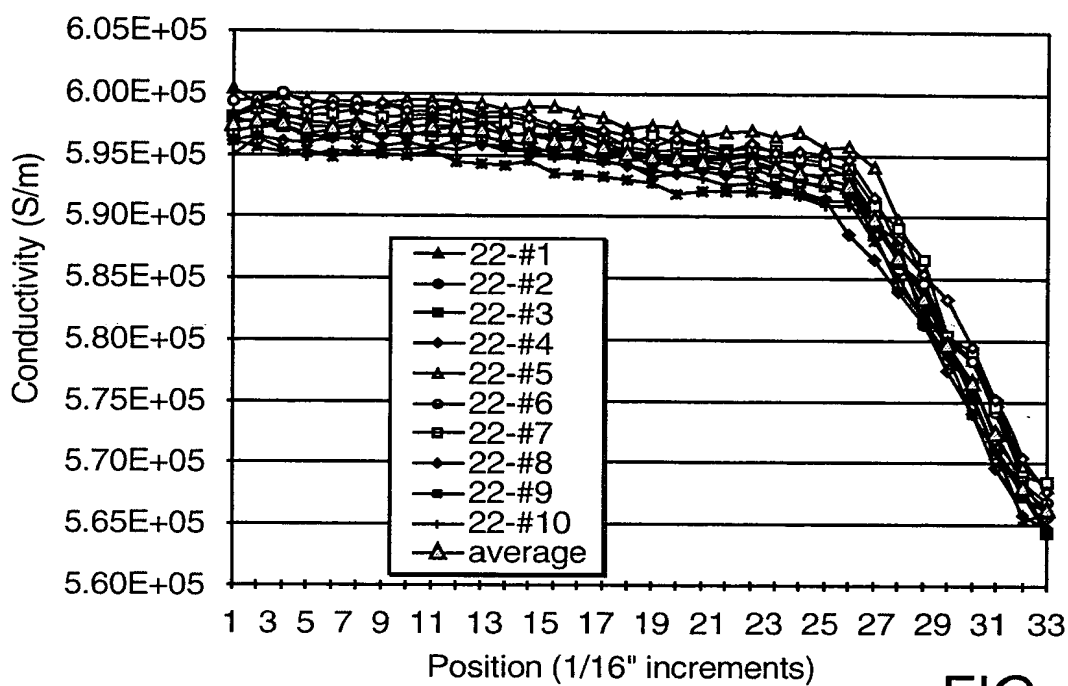


FIG. 42a

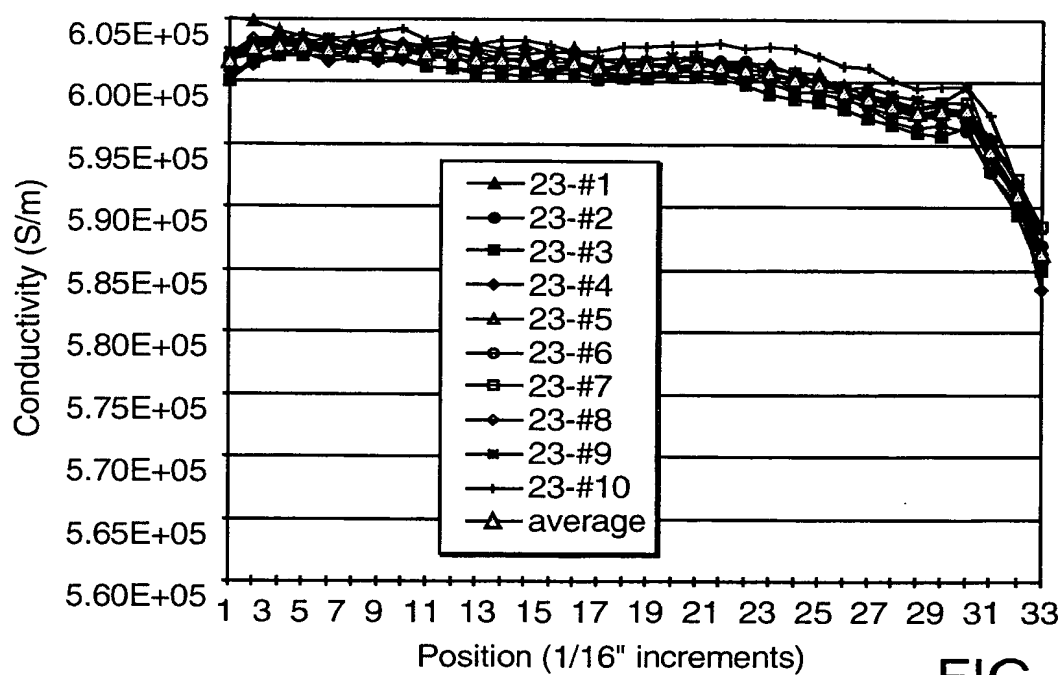


FIG. 42b

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FIG.  
43a

FIG.  
43b  
FIG.  
43c

FIG.  
43d

FIG. 43

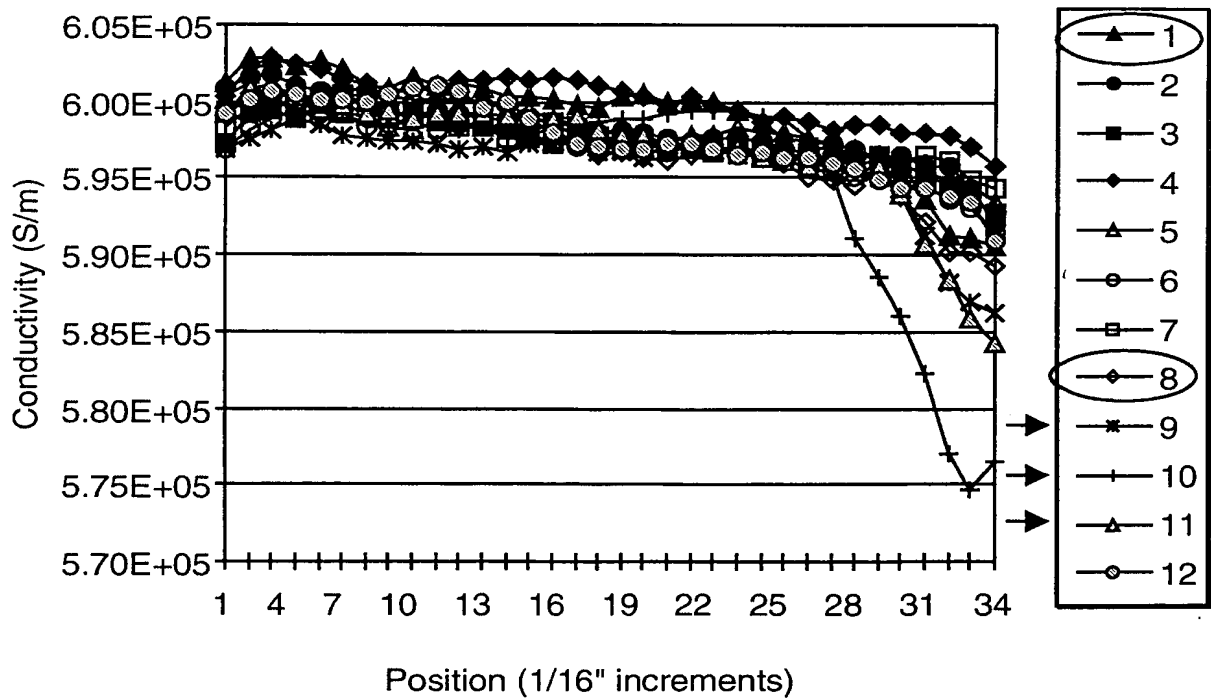


FIG. 43a

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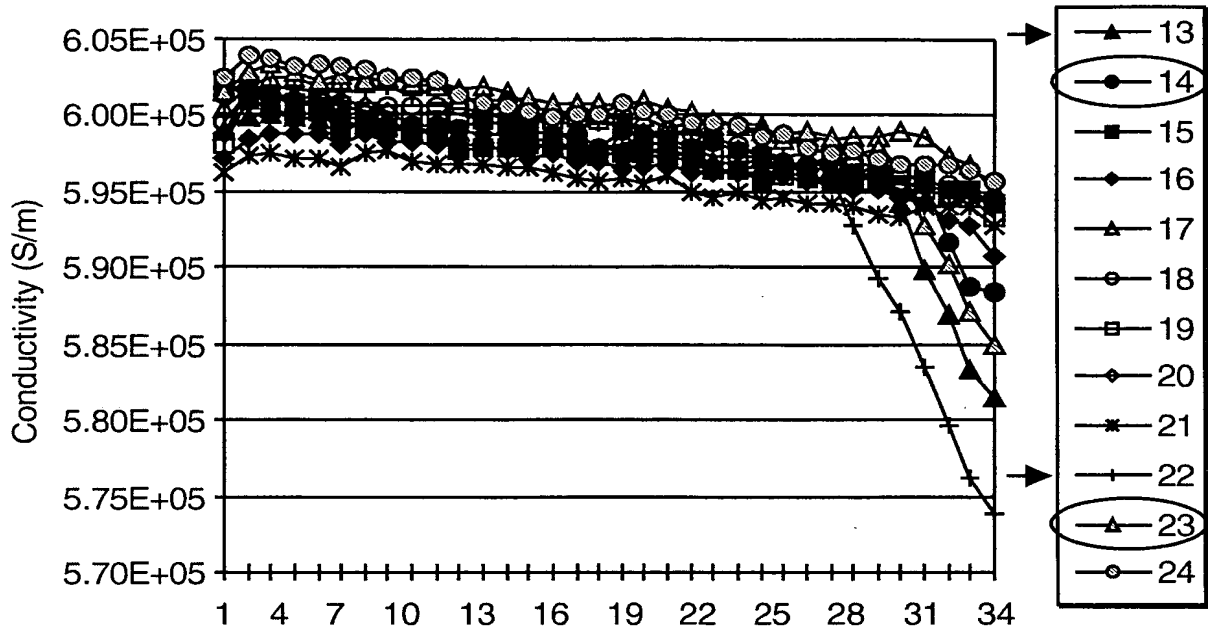


FIG. 43b

Position (1/16" increments)

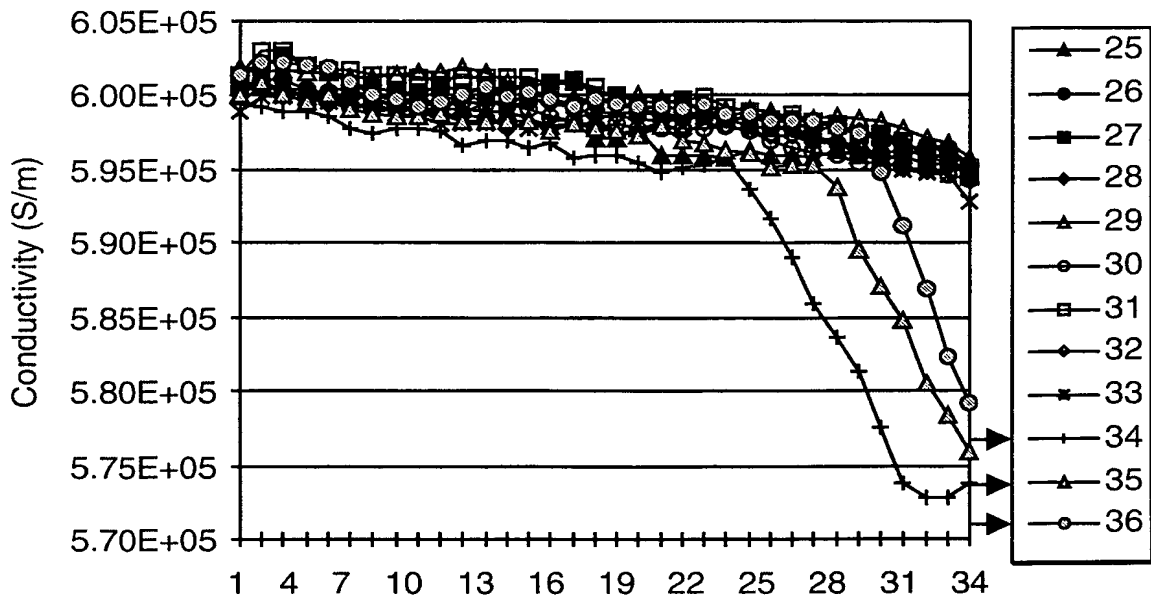


FIG. 43c

Position (1/16" increments)

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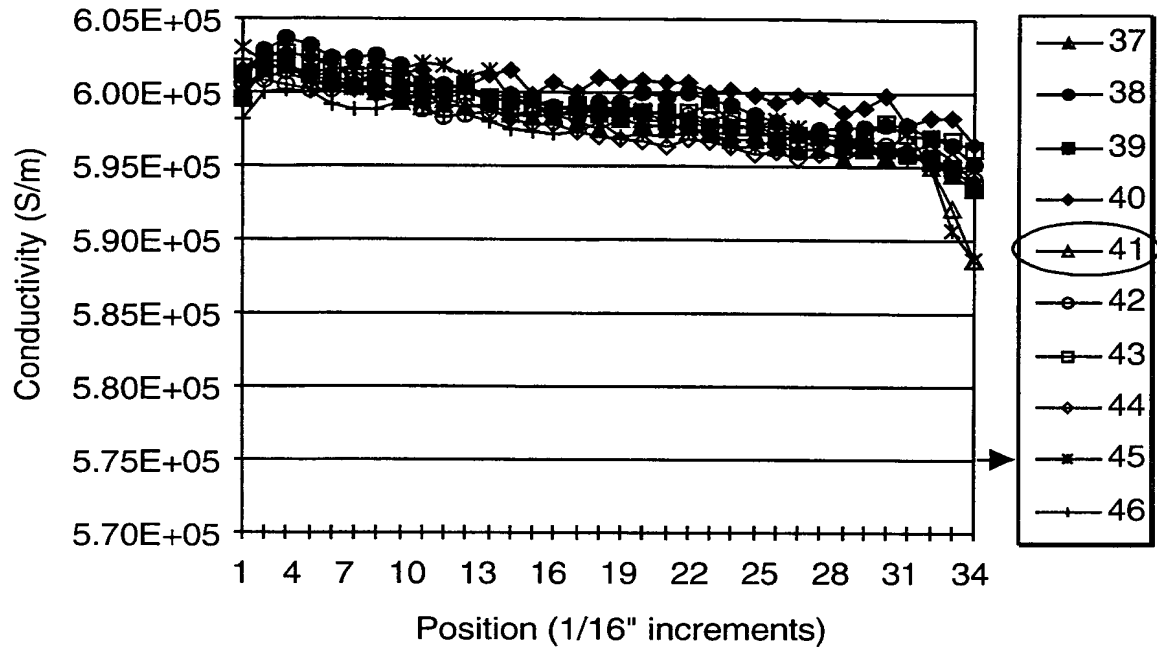


FIG. 43d

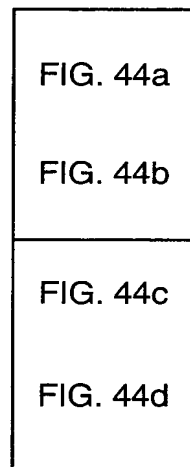


FIG. 44

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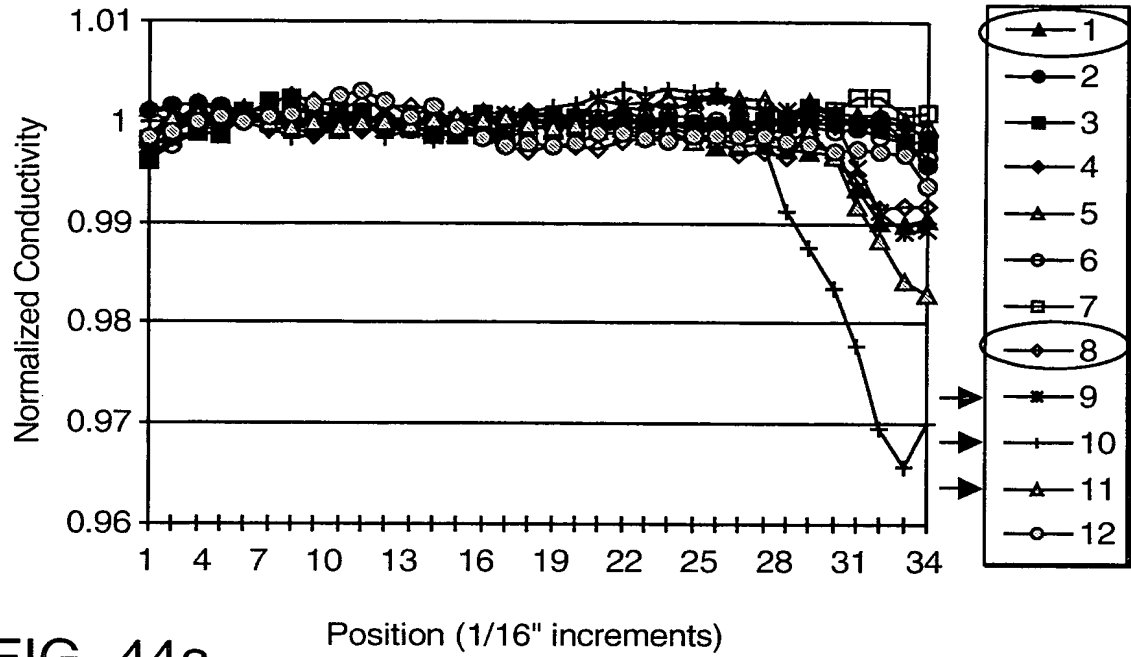


FIG. 44a

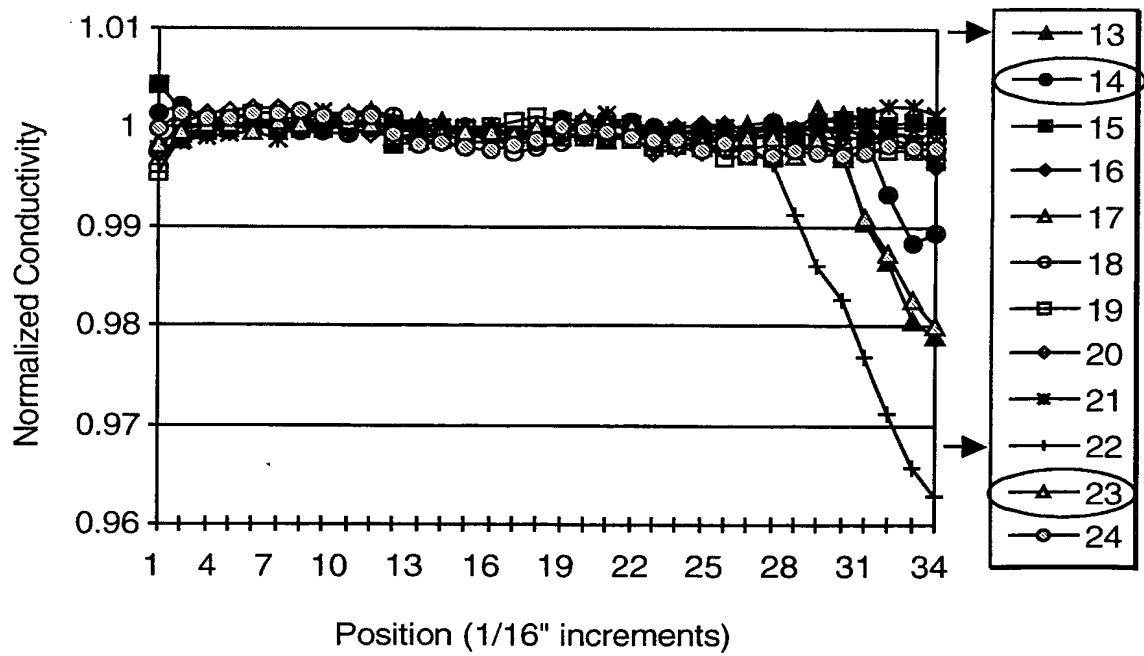


FIG. 44b

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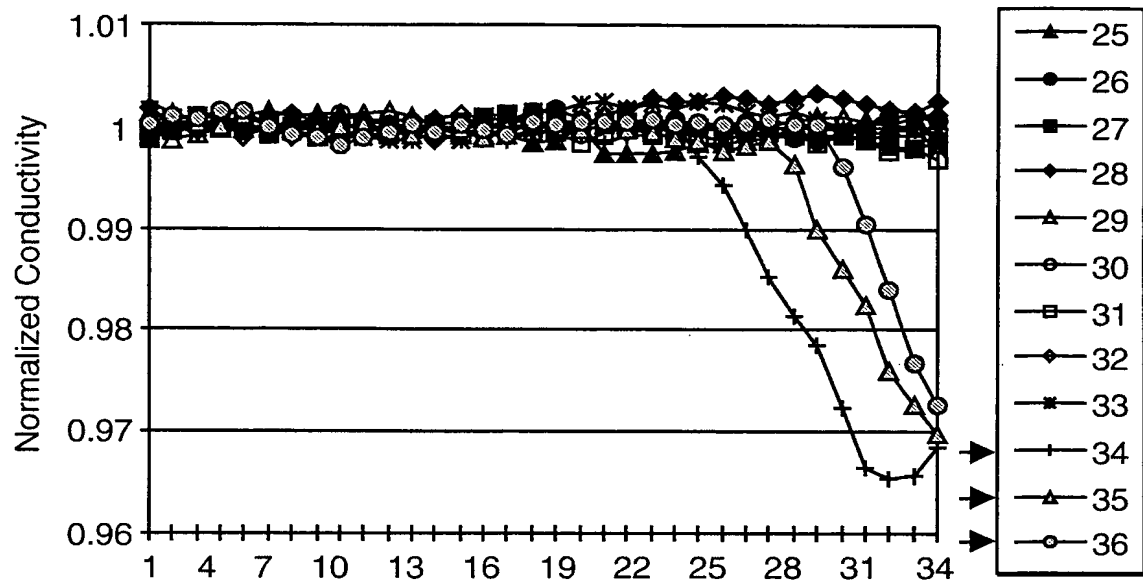


FIG. 44c Position (1/16" increments)

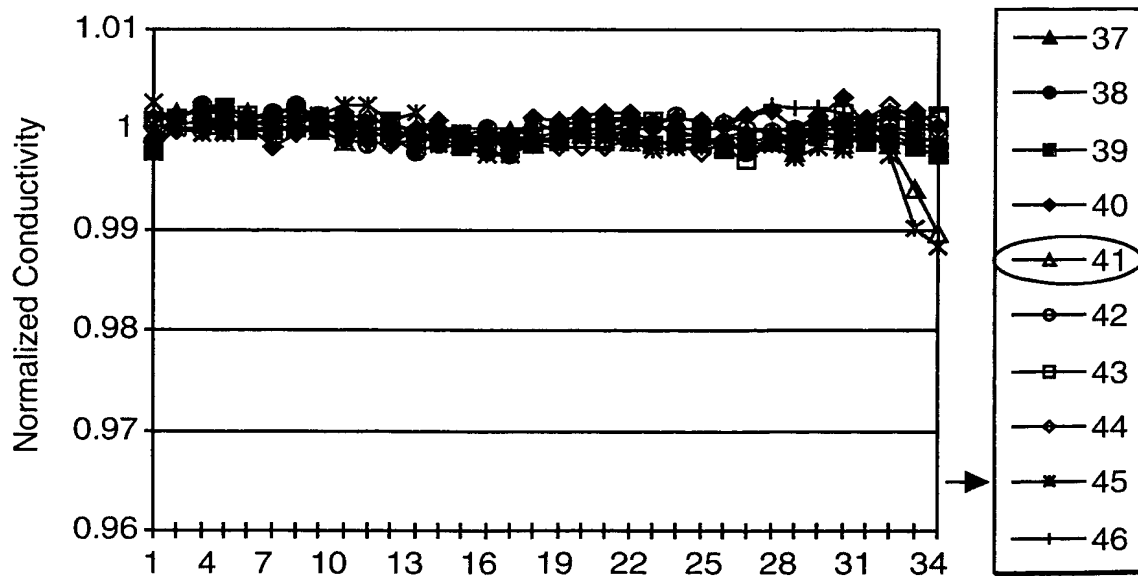


FIG. 44d

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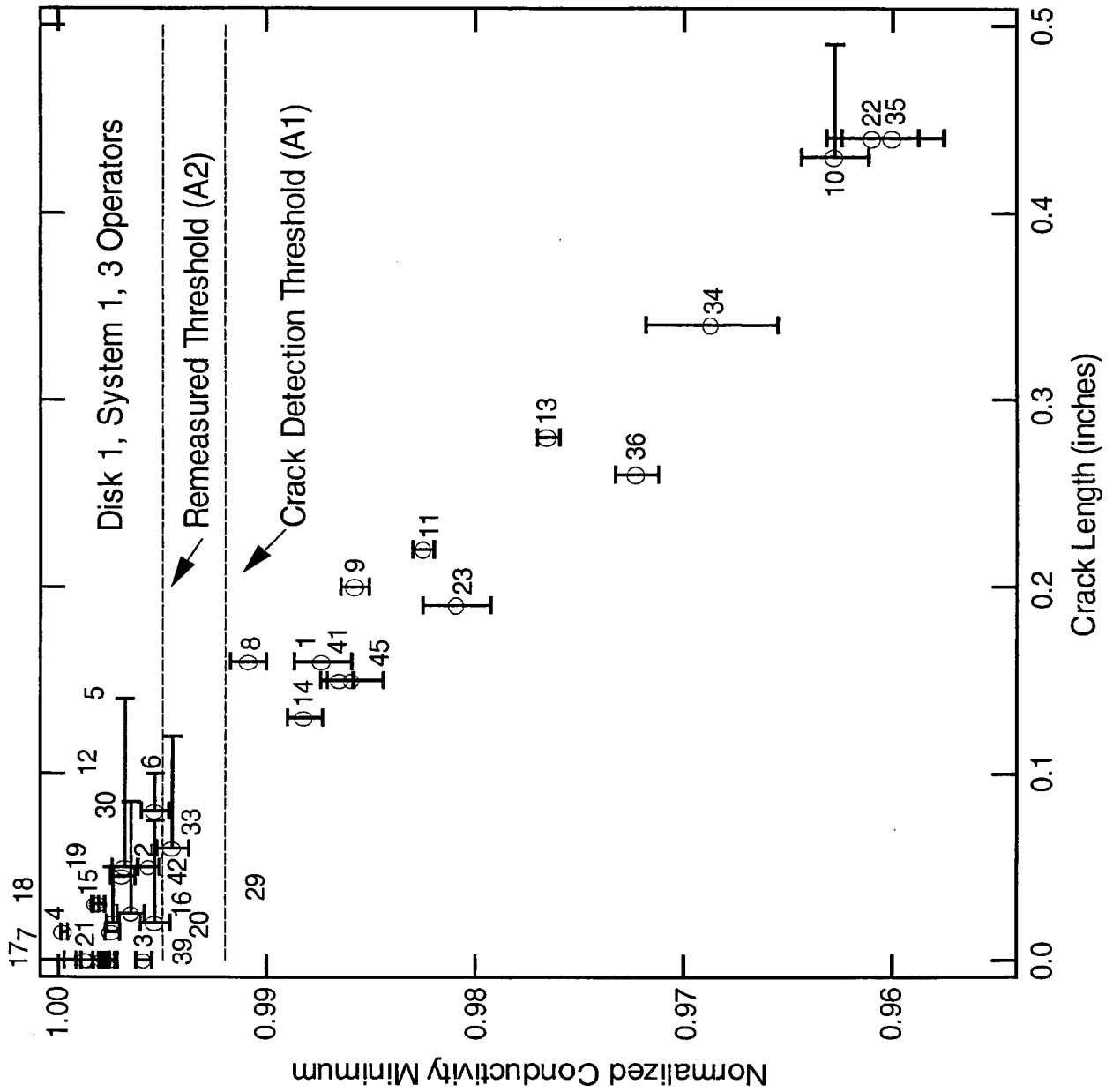


FIG. 45a

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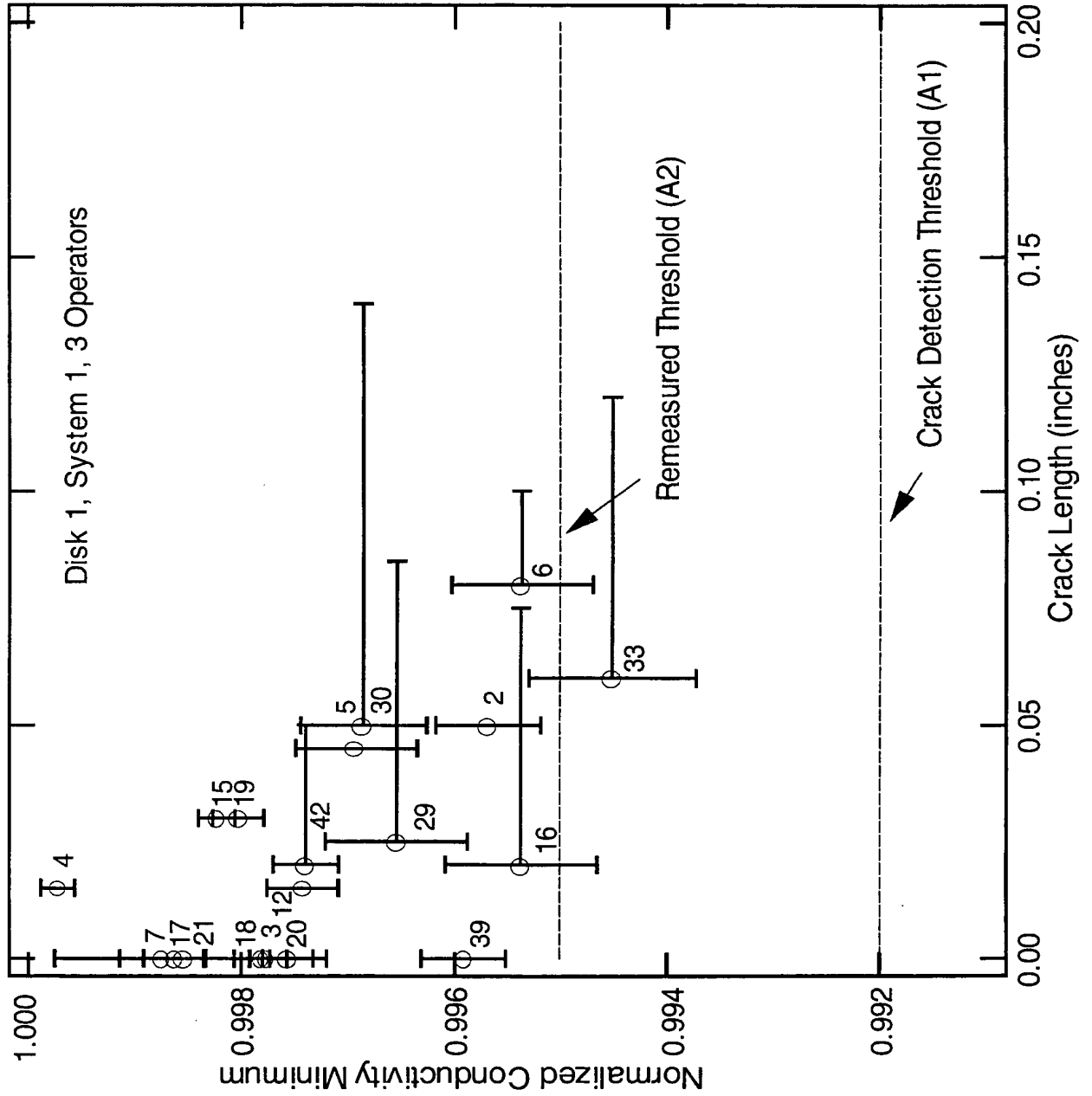


FIG. 45b



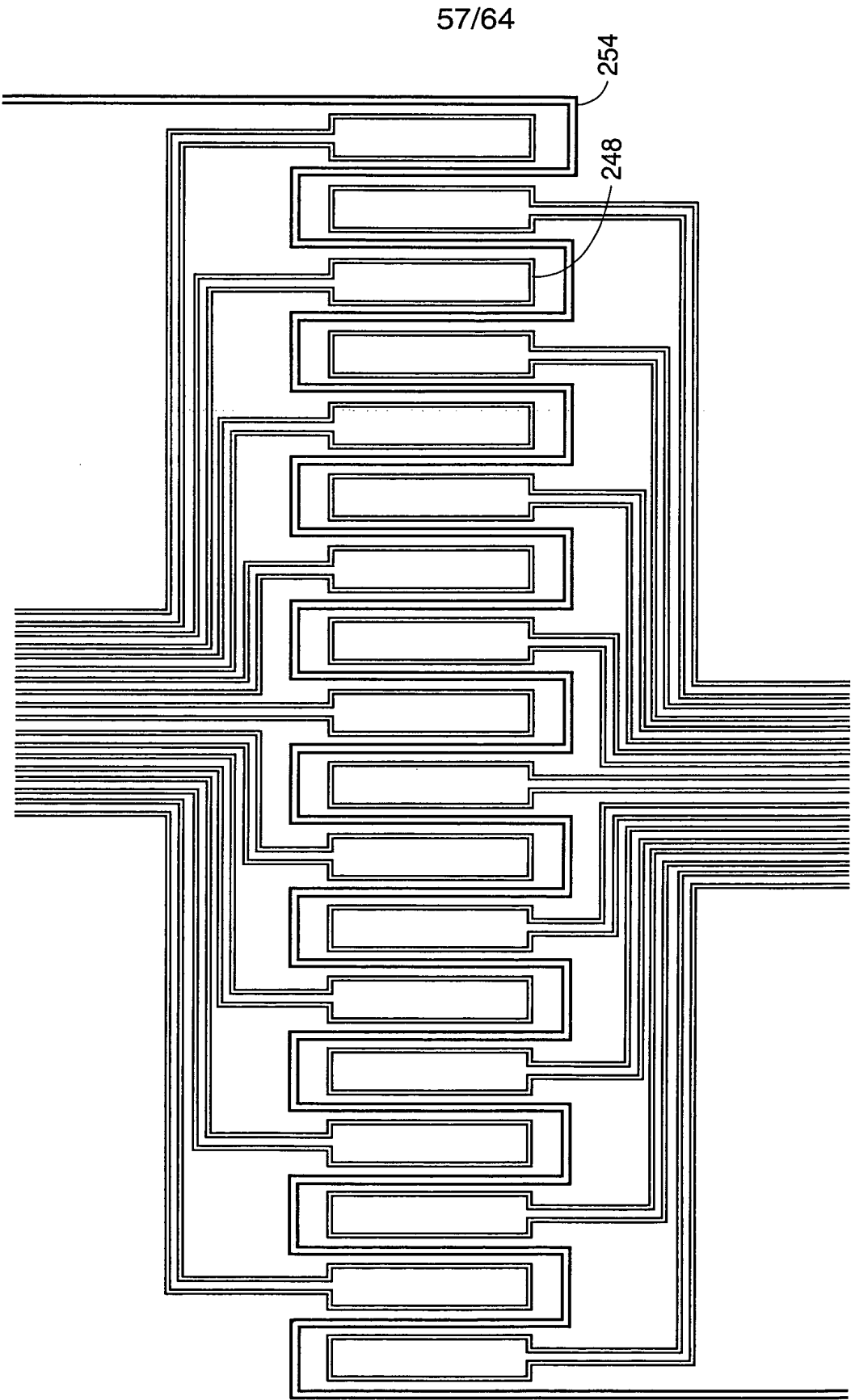


FIG. 46

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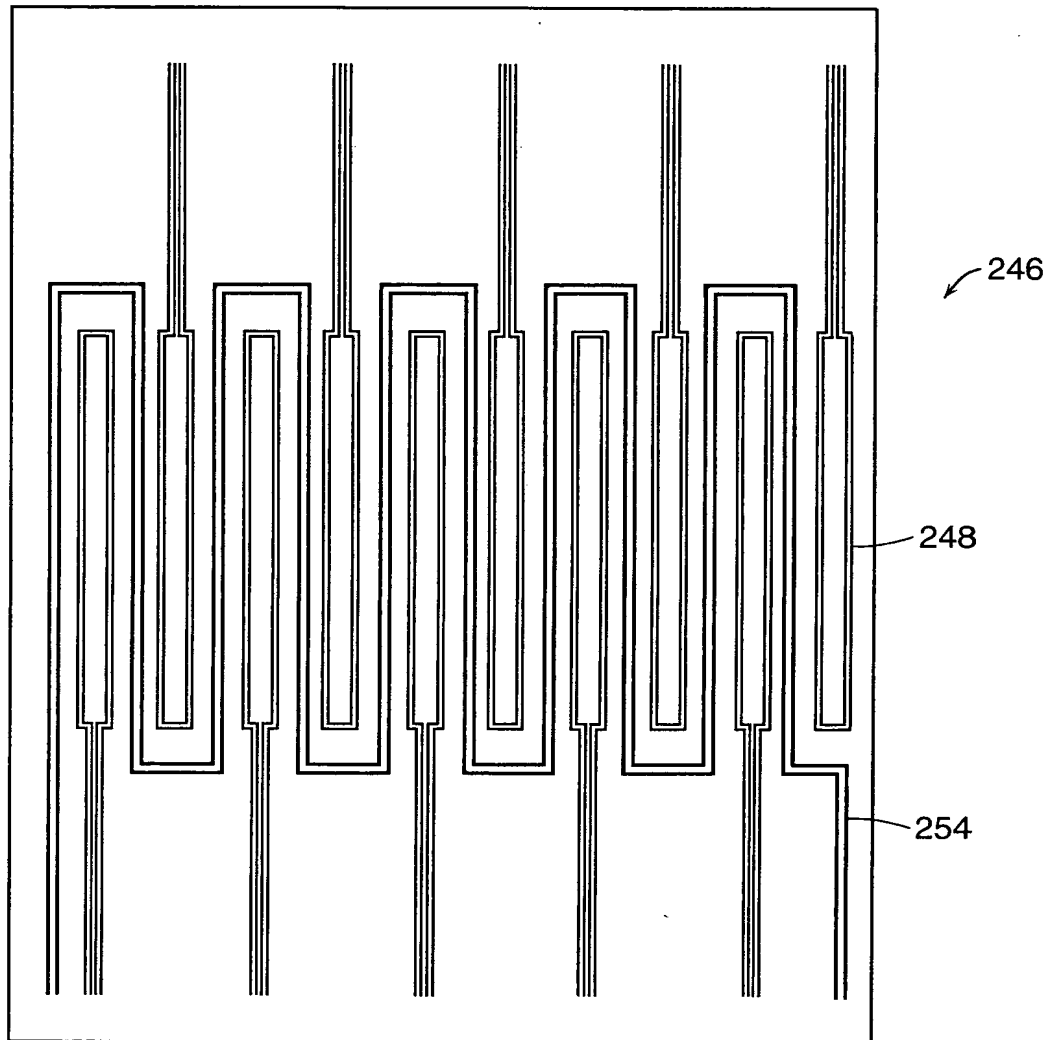


FIG. 47

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MWM Monitoring of Weld Quality in  
GTAW Ti-2 Welds at 400 kHz

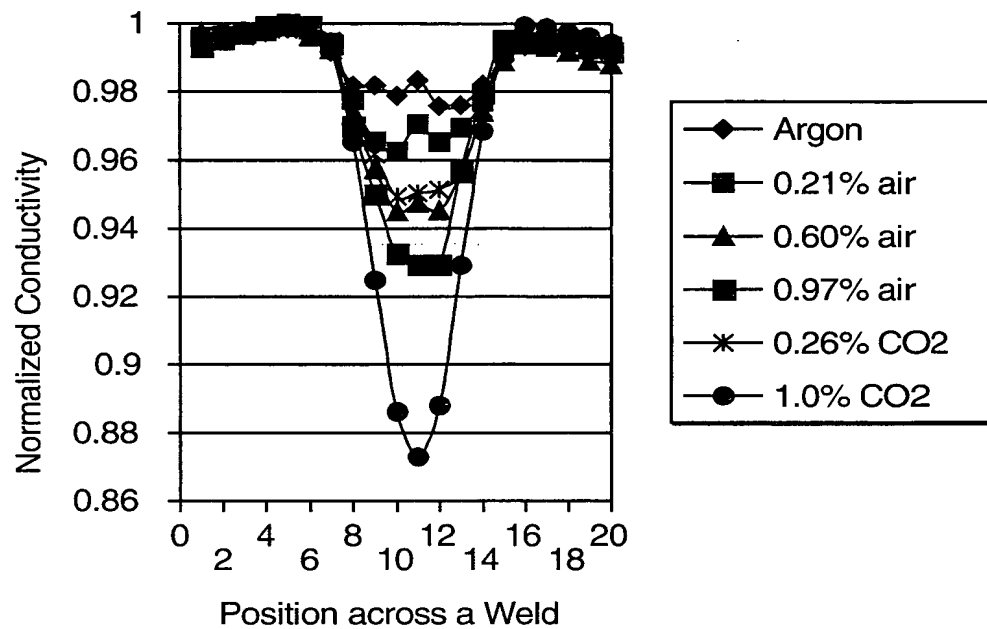


FIG. 48

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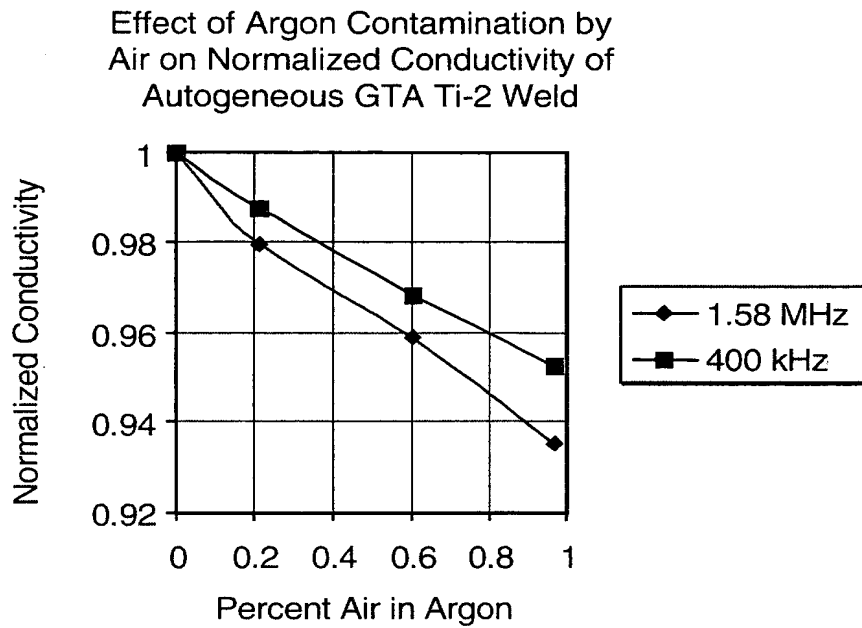


FIG. 49

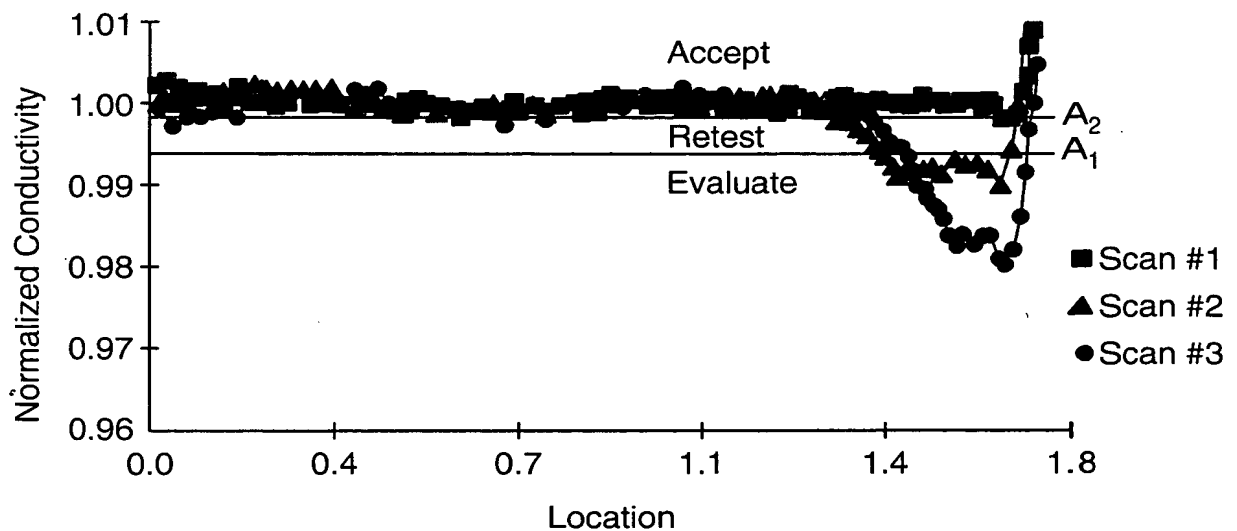


FIG. 50

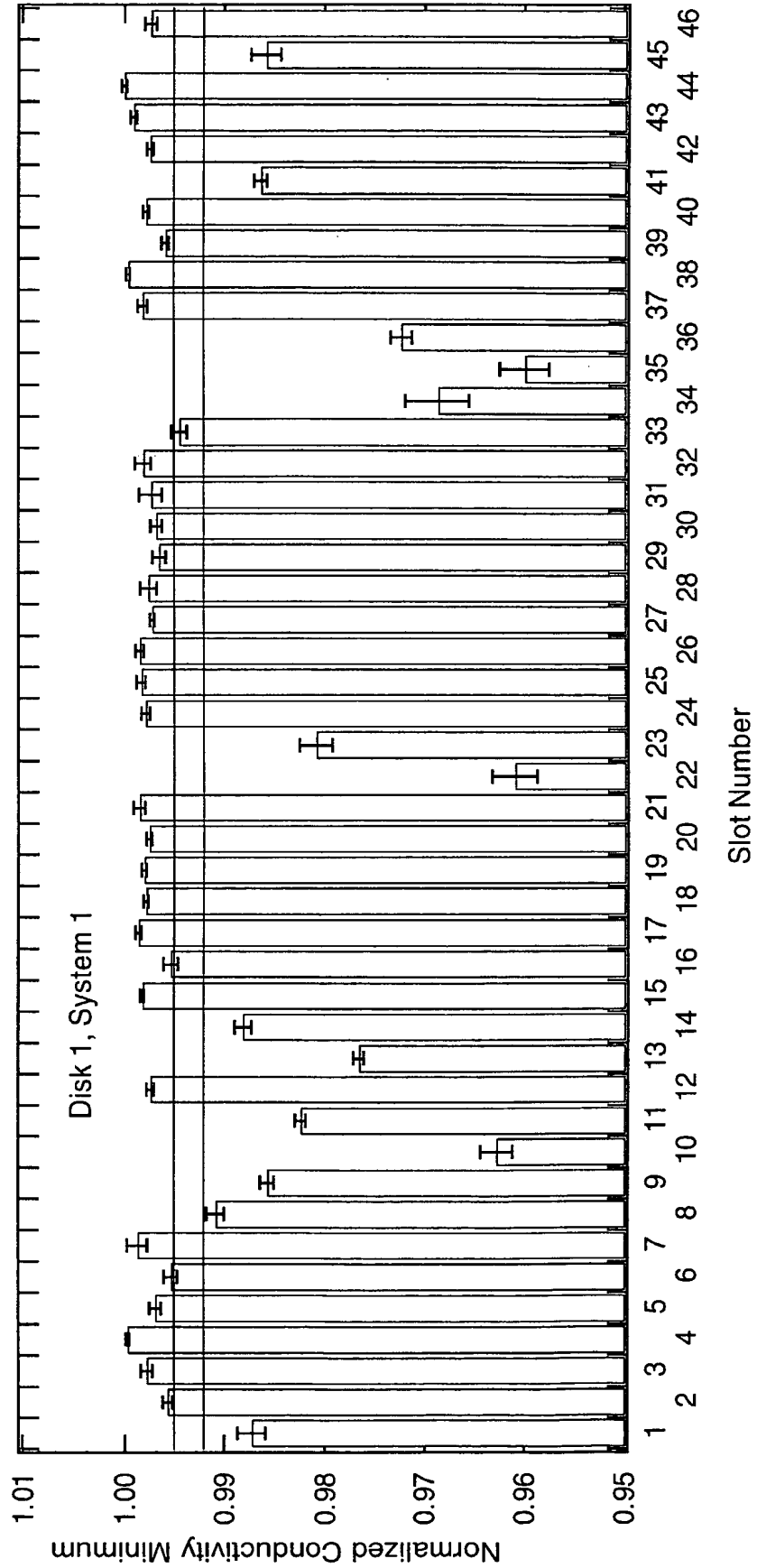


FIG. 51

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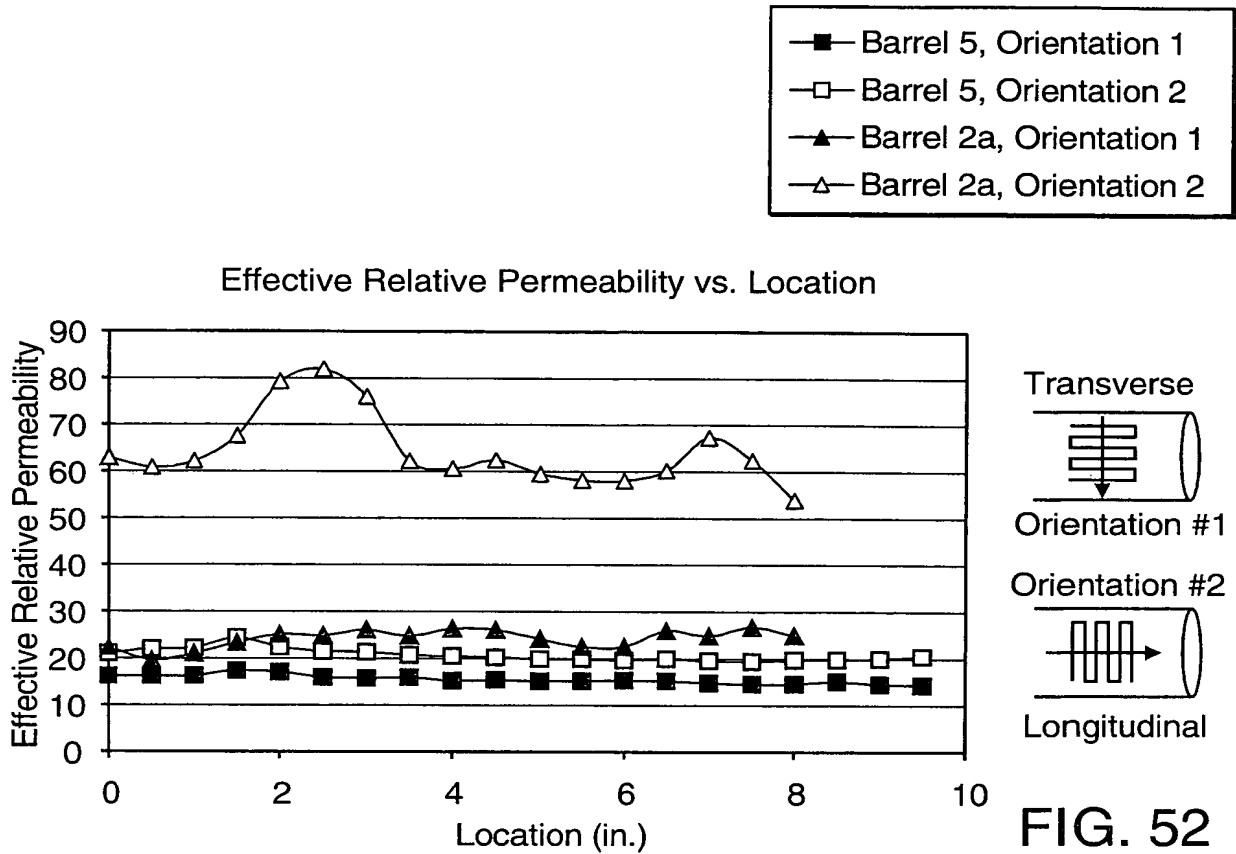


FIG. 52

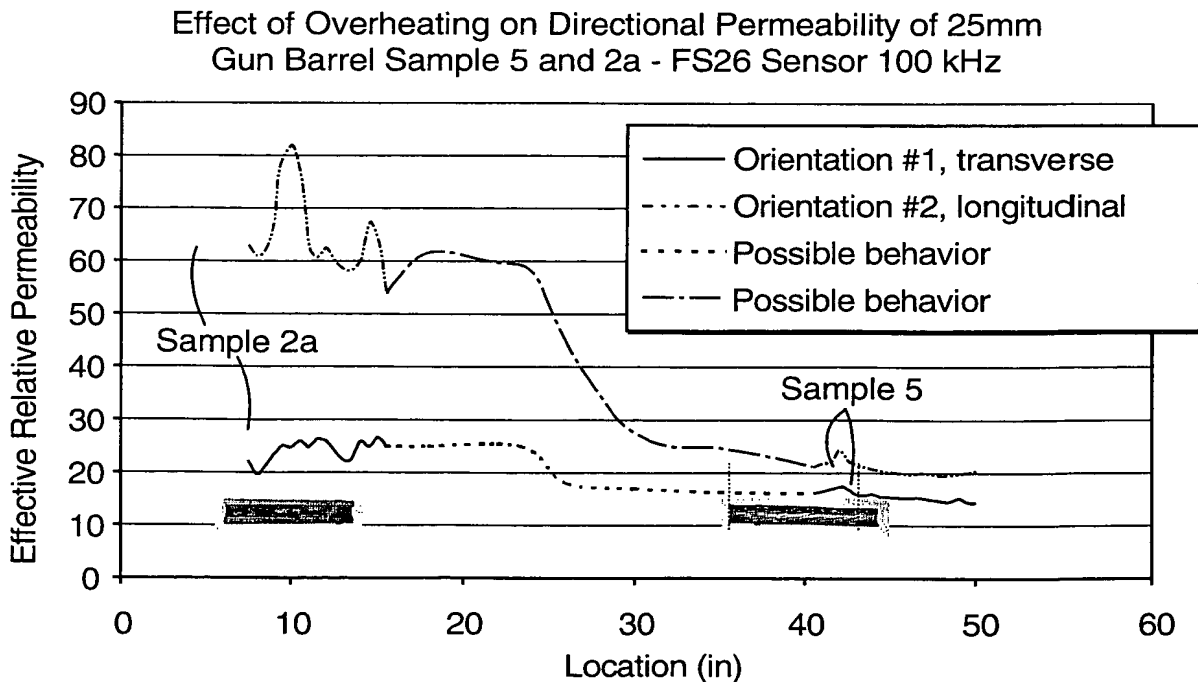


FIG. 53

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FIG. 54a
FIG. 54b
FIG. 54c
FIG. 54d

FIG. 54

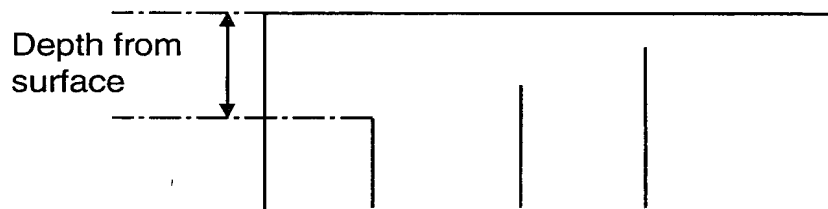


FIG. 54a

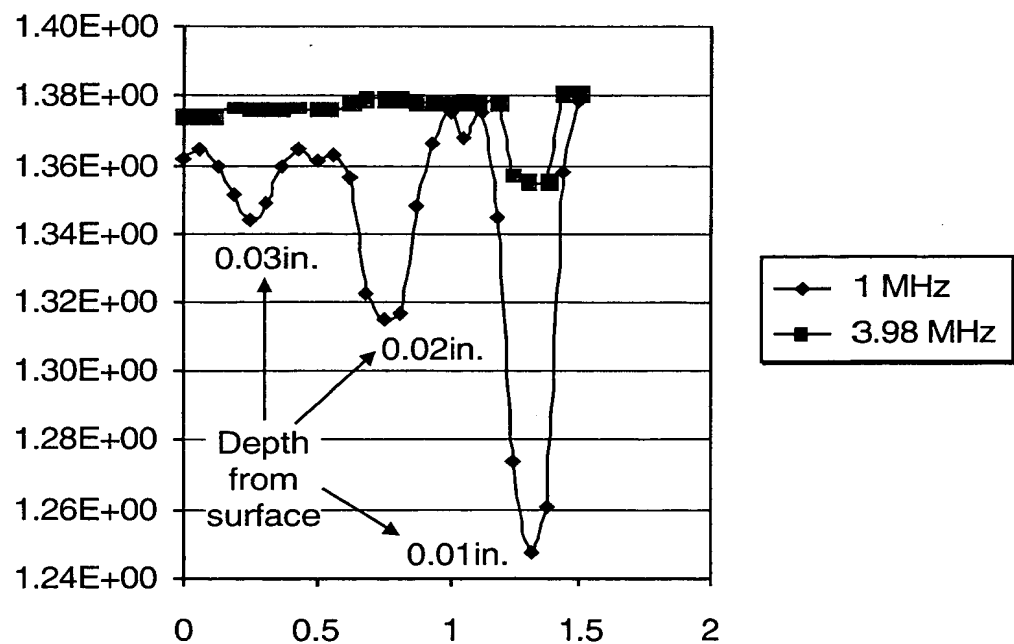


FIG. 54b

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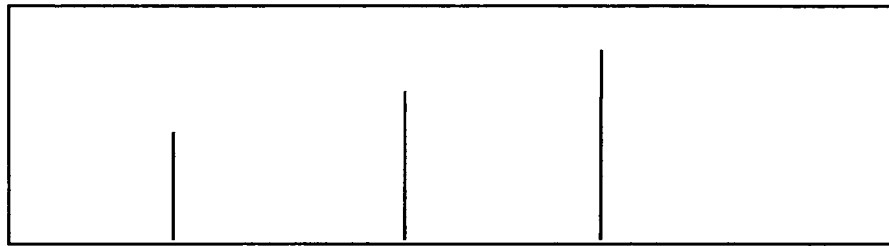


FIG. 54c

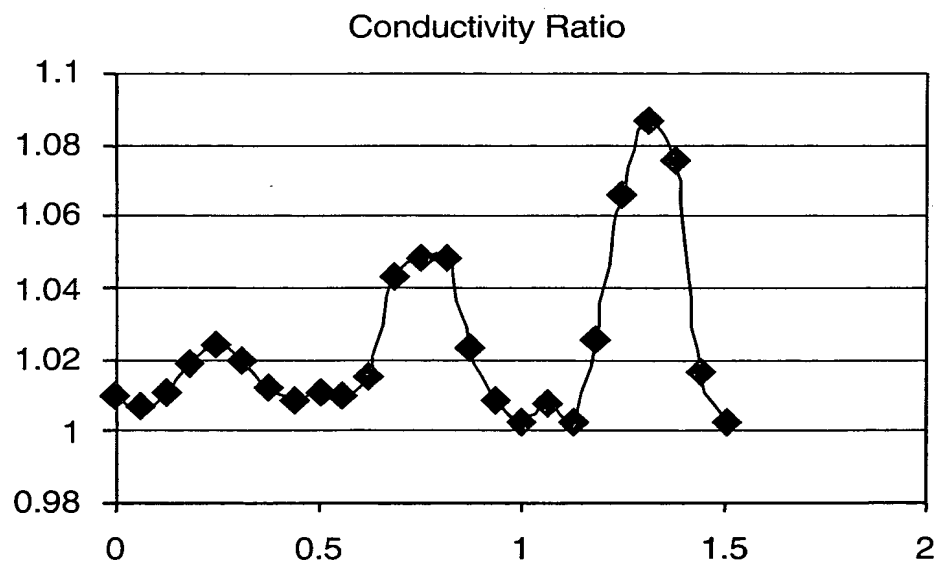


FIG. 54d